

# HAMMOND SHEET METAL COMPANY

CATALOGUE  
NUMBER 23

MAIN OFFICE - FACTORY - WAREHOUSE  
SECOND STREET AND CASS AVENUE  
SAINT LOUIS, : MISSOURI

BRANCH WAREHOUSES  
FORT SMITH, ARK. : MACON, MO.

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# HAMMOND SHEET METAL Co.

**Manufacturers and Jobbers**

Established 1904

Office — Factory — Warehouse  
SECOND STREET AND CASS AVENUE  
ST. LOUIS, MO.

Branch Warehouses  
FORT SMITH, ARK.                    MACON, MO.

# *Greeting—*

We maintain and operate a modernly equipped factory for the manufacture of Sheet Metal products, and in the compiling of this catalogue we have endeavored to truthfully illustrate and describe the articles we propose to furnish.

The weights and other data in this book are obtained from best authority available. However, figures quoted are not guaranteed, but can be considered approximately correct and reliable.

We want you to feel that we are at your service to give any additional information within our knowledge.

## **MAIL ORDERS**

Very careful attention is given to all inquiries received by mail. Quotations are made promptly and estimates furnished when detailed measurements are given. Acknowledgment of order is made immediately upon its receipt, and shipment follows as soon as possible.

In ordering it is well to give reference numbers, trade names and complete specifications so that we may not misunderstand or make a mistake in filling your order.

## **TERMS**

To merchants of approved credit our usual terms are: Sixty days net, or two per cent cash discount from net amount of invoice when payment is made within ten days from date of shipment; on a few items special terms and discounts apply.

All material is sold with a distinct understanding as to price, terms and delivery, no provision being made for delay or deferred payment in event of non-arrival of the shipment.

Merchants with whom we are not acquainted, or who are not favorably rated by the commercial agencies, will kindly furnish us with references and give us time to investigate them. To avoid delays, this should be done when giving us first order or inquiry. When references are not supplied, we will ship goods to our order, sending sight draft with bill of lading attached, through the customer's local bank for collection.

Accounts not paid at maturity are subject to sight draft with exchange and cost of collection.

All orders are entered subject to delays from strikes, accidents and other causes beyond our control.

## **RULES OF MEASUREMENT**

The following is the basis upon which all quotations for sheet metal building materials are made: All iron and steel roofing, siding and ceiling, except galvanized, kalamined, terne coated and tinned, is painted both sides, unless otherwise ordered, and sold by the square or square foot. Heavy gauge iron or steel roofing is sold by the square or pound, as preferred.

A square consists of one hundred square feet, calculated by the following rules:

Corrugated Sheets—full width and length of sheets after being corrugated or formed. No allowance for either side or end laps.

V-Crimped, beaded, weatherboard and imitation brick and stone—full length of sheet and actual covering width. No allowance for end laps.

Standing seam (pressed standing seam or roll) actual covering width and full length are calculated, whether the sheets are connected by end locks and shipped in rolls, or separate and shipped in bundles; no allowance for end laps.

Nails, cleats, rivets, dry paint and cement are sold by the pound. Ready mixed paints by the gallon, and wood strips per 100 lineal feet. They are not included in the price quoted for the roofing, siding and ceiling, unless expressly stated, but are charged as separate items.

Ridge roll, ridge cap, corrugated wood strips, corner boards, panel strips, window and door case coverings, mouldings, etc., are not included in prices quoted for roofing, siding and ceiling, but are sold by the lineal foot and charged as separate items when furnished.

## **CLAIMS FOR DAMAGED GOODS AND SHORTAGES**

All shipments should be carefully checked and examined promptly upon arrival, and any claim for damage or shortage reported at once.

Unless invoice stipulates delivery at destination, we are not responsible for damage that occurs to goods while in transit, and only then are we responsible when shipment is received for as "damaged when received." Claims for damage must be accompanied by paid freight bill, showing railroad agent's notation "damaged." On claims for shortages the paid freight bill should be marked "received short." Damaged material should not be removed from station under a clear receipt, as this releases the transportation company from responsibility.

At all times our Traffic Department is at the service of our customers, to render any assistance that it can in obtaining restitution for damage to or loss of shipments, or for overcharge of proper freight rates.

## **RETURNED SHIPMENTS**

Returned goods should be accompanied by invoice and bill of lading. If shipped as ordered, goods must not be returned without our consent. When returned shipments are damaged in transit, credit will not be allowed for a greater amount than their marketable value when received by us.

Quotations are made subject to change without notice. Unless on special quotation, all orders are entered at market price at the time they are received.

## BUNDLING TABLES

## BLACK SHEETS, STANDARD SIZES

## Average Weight per Sheet and Bundle in Pounds

GAUGES		14			16			18			20			22		
SIZE OF SHEET	No. Sheets	Wt. per Sheet	Wt. per Bundle	No. Sheets	Wt. per Sheet	Wt. per Bundle	No. Sheets	Wt. per Sheet	Wt. per Bundle	No. Sheets	Wt. per Sheet	Wt. per Bundle	No. Sheets	Wt. per Sheet	Wt. per Bundle	No. Sheets
24x 72.....	37.5	150	4	30.0	150	5	24.0	144	6	18.0	144	8	15.0	150	10	
26x 72.....	40.63	162	4	32.4	162	5	26.0	156	6	19.5	156	8	16.3	146	9	
28x 72.....	43.8	131	3	35.0	140	4	28.0	140	5	21.0	147	7	17.5	140	8	
30x 72.....	46.9	141	3	37.5	150	4	30.0	150	5	22.5	157	7	18.8	150	8	
36x 72.....	56.2	169	3	45.0	135	3	36.0	144	4	27.0	135	5	22.5	157	7	
24x 84.....	43.8	131	3	35.0	140	4	28.0	140	5	21.0	147	7	17.5	140	8	
26x 84.....	47.4	142	3	38.0	152	4	30.3	152	5	22.8	159	7	19.0	152	8	
28x 84.....	51.0	153	3	40.8	163	4	32.7	163	5	24.5	147	6	20.4	143	7	
30x 84.....	54.7	164	3	43.8	131	3	35.0	140	4	26.3	157	6	21.3	153	7	
36x 84.....	65.6	131	2	52.5	157	3	42.0	168	4	31.5	157	5	26.3	157	6	
24x 96.....	50.0	150	3	40.0	160	4	32.0	160	5	24.0	144	6	20.0	140	7	
26x 96.....	54.2	162	3	43.3	130	3	34.7	139	4	26.0	156	6	21.7	152	7	
28x 96.....	58.3	175	3	46.7	140	3	37.3	149	4	28.0	140	5	23.3	140	6	
30x 96.....	62.5	125	2	50.0	150	3	40.0	160	4	30.0	150	5	25.0	150	6	
36x 96.....	75.0	150	2	60.0	120	2	48.0	144	3	36.0	144	4	30.0	150	5	
24x120.....	62.5	125	2	50.0	150	3	40.0	160	4	30.0	150	5	25.0	150	6	
26x120.....	67.7	135	2	54.2	162	3	43.3	130	3	32.5	162	5	27.1	162	6	
28x120.....	73.0	146	2	58.0	175	3	46.7	140	3	35.0	140	4	29.2	146	5	
30x120.....	78.0	156	2	62.5	125	2	50.0	150	3	37.5	150	4	31.3	156	5	
36x120.....	93.8	187	2	75.0	150	2	60.0	120	2	45.0	135	3	37.5	150	4	
GAUGES		24			26			27			28			30		
24x 72.....	12.0	144	12	9.0	144	16	8.3	148	18	7.5	150	20	6.0	150	25	
26x 72.....	13.0	143	11	9.8	146	15	8.9	143	16	8.1	146	18	5.5	149	23	
28x 72.....	14.0	154	11	10.5	147	14	9.6	154	16	9.8	149	17	7.0	147	21	
30x 72.....	15.0	150	10	11.3	146	13	10.3	144	14	9.4	150	16	7.5	150	20	
36x 72.....	18.0	144	8	13.5	148	11	12.4	148	12	11.3	146	13	9.0	144	16	
24x 84.....	14.0	154	11	10.5	147	14	9.7	144	15	8.8	149	17	7.0	147	21	
26x 84.....	15.2	152	10	11.4	148	13	10.4	146	14	9.5	152	16	7.6	144	19	
28x 84.....	16.3	147	9	12.3	147	12	11.2	146	13	10.2	143	14	8.2	155	19	
30x 84.....	17.5	140	8	13.1	144	11	12.0	144	12	10.9	153	14	8.8	149	17	
36x 84.....	21.0	147	7	15.8	142	9	14.4	144	10	13.1	144	11	10.5	147	14	
24x 96.....	16.0	144	9	12.0	144	12	11.0	143	13	10.0	150	15	8.0	144	18	
26x 96.....	17.3	156	9	13.0	143	11	11.9	143	12	10.8	152	14	8.7	147	17	
28x 96.....	18.7	149	8	14.0	154	11	12.9	154	12	11.7	152	13	9.3	149	16	
30x 96.....	20.0	140	7	15.0	150	10	13.8	151	11	12.5	150	12	10.0	150	15	
36x 96.....	24.0	144	6	18.0	144	8	16.5	148	9	15.0	150	10	12.0	144	12	
24x101.....	16.8	151	9	12.6	151	12	11.5	139	12	10.5	147	14	...	...	...	
26x101.....	18.2	146	8	13.6	150	11	12.5	150	12	11.4	148	13	...	...	...	
28x101.....	19.6	157	8	14.7	147	10	13.5	148	11	12.2	147	12	...	...	...	
30x101.....	21.0	147	7	15.7	142	9	14.4	145	10	13.1	145	11	...	...	...	
36x101.....	25.2	151	6	18.9	151	8	17.3	156	9	15.7	142	9	...	...	...	
24x120.....	20.0	140	7	15.0	150	10	13.8	151	11	12.5	150	12	10.0	150	15	
26x120.....	21.7	152	7	16.3	146	9	14.9	149	10	13.6	149	11	10.9	152	14	
28x120.....	23.3	140	6	17.5	140	8	16.0	144	9	14.6	146	10	11.7	163	14	
30x120.....	25.0	150	6	18.8	150	8	17.2	155	9	15.7	156	10	12.5	150	12	
36x120.....	30.0	150	5	22.5	157	7	20.6	165	8	18.8	150	8	15.0	150	10	

The allowable variation from Standard Weights shall be 2½ per cent over or under. The Standard for gauge and weight of sheets shall be that adopted by the United States Government, July 1, 1893.

## BLACK FLAT STEEL SHEETS

Manufactured for  
HAMMOND SHEET METAL CO.

St. Louis, Mo.



## ONE PASS COLD ROLLED—OPEN HEARTH STOCK

Smooth, Flat, and True to Gauge

We carry a large well-assorted stock of merchants' standard sizes in the various gauges.

## Standard Weights and Thickness of Sheets

Number of Gauge	Approximate thickness in fractions of an inch	Approximate thickness in decimal parts of an inch	Weight per square foot in ounces avoirdupois	Weight per square foot in pounds avoirdupois
8.....	11-64	.171875	110	6.875
9.....	5-32	.15625	100	6.25
10.....	9-64	.140625	90	5.625
11.....	1-8	.125	80	5.
12.....	7-64	.109375	70	4.375
13.....	3-32	.09375	60	3.75
14.....	5-64	.078125	50	3.125
15.....	9-128	.0703125	45	2.8125
16.....	1-16	.0625	40	2.5
17.....	9-160	.05625	36	2.25
18.....	1-20	.05	32	2.
19.....	7-160	.04375	28	1.75
20.....	3-80	.0375	24	1.5
21.....	11-320	.034375	22	1.375
22.....	1-32	.03125	20	1.25
23.....	9-320	.028125	18	1.125
24.....	1-40	.025	16	1.
25.....	7-320	.021875	14	.875
26.....	3-160	.01875	12	.75
27.....	11-640	.0171875	11	.6875
28.....	1-64	.015625	10	.625
29.....	9-640	.0140625	9	.5625
30.....	1-80	.0125	8	.5
31.....	7-640	.0109375	7	.4375
32.....	13-1280	.01015625	6½	.40625



## EVEN COLOR BLACK STOVE PIPE STOCK

Size 24x101 inches. Smooth finish. Nos. 24, 26, 27 and 28 gauges.

## BUNDLING TABLES

## GALVANIZED SHEETS, STANDARD SIZES

## Average Weight per Sheet and Bundle in Pounds

Gauges	12			14			16			18			20			22		
	SIZE OF SHEET		No. Sheets	Wt. per Sheet	Wt. per Bundle	No. Sheets	Wt. per Sheet	Wt. per Bundle	No. Sheets	Wt. per Sheet	Wt. per Bundle	No. Sheets	Wt. per Sheet	Wt. per Bundle	No. Sheets	Wt. per Sheet	Wt. per Bundle	No. Sheets
24x 72...	54.37	163	3	39.3	157	4	31.8	159	5	25.9	155	6	19.9	159	8	16.9	152	9
26x 72...	58.91	177	3	42.6	171	4	34.5	138	4	28.0	140	5	21.5	151	7	18.3	146	9
28x 72...	63.44	127	2	45.9	138	3	37.2	149	4	30.2	151	5	23.2	162	7	19.7	158	8
30x 72...	67.97	136	2	49.2	148	3	39.8	159	4	32.3	162	5	24.8	149	6	21.1	148	7
36x 72...	81.56	163	2	59.1	177	3	47.8	143	3	38.8	155	4	29.9	149	5	25.3	152	6
24x 84...	63.44	127	2	45.9	138	3	37.2	149	4	30.2	151	5	23.2	162	7	19.7	158	8
26x 84...	68.69	137	2	49.7	149	3	40.2	161	4	32.7	163	5	25.1	151	6	21.3	149	7
28x 84...	74.00	148	2	53.5	161	3	43.4	174	4	35.2	141	4	27.1	135	5	23.0	161	7
30x 84...	79.30	159	2	57.4	172	3	46.5	139	3	37.7	151	4	29.0	145	5	24.6	148	6
36x 84...	95.16	190	2	68.9	138	2	55.8	167	3	45.3	136	3	34.8	139	4	29.5	148	5
24x 96...	72.50	145	2	52.5	157	3	42.5	170	4	34.5	138	4	26.5	159	6	22.5	157	7
26x 96...	78.53	157	2	56.8	171	3	46.0	138	3	37.4	149	4	28.7	143	5	24.4	146	6
28x 96...	84.55	169	2	61.2	184	3	49.6	149	3	40.2	161	4	30.9	155	5	26.2	157	6
30x 96...	90.62	181	2	65.6	131	2	53.1	159	3	43.1	172	4	33.1	166	5	28.1	141	5
36x 96...	108.75	109	1	78.7	157	2	63.7	127	2	51.8	155	3	39.8	159	4	33.8	169	5
24x120...	90.62	181	2	65.6	131	2	53.1	159	3	43.1	129	3	33.1	166	5	28.1	141	5
26x120...	98.15	196	2	71.1	142	2	57.5	173	3	46.7	140	3	35.9	143	4	30.5	152	5
28x120...	105.71	211	2	76.5	153	2	62.0	186	3	50.3	151	3	38.6	155	4	32.8	164	5
30x120...	113.28	113	1	82.0	164	2	66.4	133	2	53.9	162	3	41.4	166	4	35.2	141	4
36x120...	135.94	136	1	98.4	197	2	79.7	159	2	64.7	129	2	49.7	149	3	42.2	169	4
Gauges	24			26			27			28			29			30		
24x 72...	13.9	153	11	10.9	152	14	10.1	152	15	9.4	150	16	8.62	147	17	7.9	150	19
26x 72...	15.0	150	10	10.8	153	13	11.0	154	14	10.2	152	15	9.34	149	16	8.5	145	17
28x 72...	16.2	146	9	12.7	152	12	11.8	154	13	10.9	153	14	10.06	151	15	9.2	147	16
30x 72...	17.3	156	9	13.6	149	11	12.7	152	12	11.7	152	13	10.78	162	15	9.8	148	15
36x 72...	20.8	146	7	16.3	147	9	15.2	152	10	14.1	155	11	12.94	155	12	11.8	154	13
24x 84...	16.2	146	9	12.7	152	12	11.8	154	13	10.9	153	14	10.06	151	15	9.2	147	16
26x 84...	17.5	140	8	13.7	151	11	12.8	153	12	11.8	154	13	10.90	153	14	10.0	149	15
28x 84...	18.9	151	8	14.8	148	10	13.8	152	11	12.8	153	12	11.74	153	13	10.7	150	14
30x 84...	20.2	142	7	15.9	159	10	14.8	148	10	13.7	150	11	12.58	151	12	11.5	149	13
36x 84...	24.3	146	6	19.0	152	8	17.7	159	9	16.4	148	9	15.09	151	10	13.8	152	11
24x 96...	18.5	148	8	14.5	145	10	13.5	148	11	12.5	150	12	11.50	149	13	10.5	157	15
26x 96...	20.0	160	8	15.7	157	10	14.6	146	10	13.5	149	11	12.46	150	12	11.4	148	13
28x 96...	21.6	151	7	16.9	152	9	15.7	157	10	14.6	146	10	13.41	148	11	12.3	147	12
30x 96...	23.1	162	7	18.1	145	8	16.9	152	9	15.6	156	10	14.37	144	10	13.1	144	11
36x 96...	27.8	166	6	21.8	152	7	20.3	162	8	18.8	150	8	17.25	155	9	15.8	157	10
24x120...	23.1	162	7	18.1	145	8	16.9	152	9	15.6	156	10	14.37	144	10	13.1	144	11
26x120...	25.0	150	6	19.6	157	8	18.3	146	8	16.9	152	9	15.57	156	10	14.2	156	11
28x120...	27.0	162	6	21.1	148	7	19.7	157	8	18.2	146	8	16.77	151	9	15.3	153	10
30x120...	28.9	145	5	22.7	159	7	21.1	148	7	19.5	156	8	17.97	162	9	16.4	148	9
36x120...	34.7	173	5	27.2	163	6	25.3	152	6	23.4	164	7	21.56	151	7	19.7	158	8

**GALVANIZED FLAT STEEL SHEETS**

Manufactured for  
**HAMMOND SHEET METAL CO.**  
St. Louis, Mo.

**OPEN HEARTH STOCK**

Well coated, clean, flat, level, soft, and true to gauge.

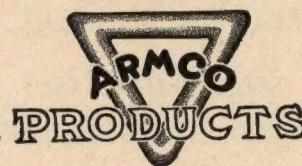
**Standard Weights per Square Foot**

Gauge	Pounds	Ounces
10.....	5.781	92.5
11.....	5.156	82.5
12.....	4.531	72.5
14.....	3.281	52.5
16.....	2.656	42.5
18.....	2.156	34.5
20.....	1.656	26.5
22.....	1.406	22.5
24.....	1.156	18.5
26.....	.906	14.5
27.....	.8435	13.5
28.....	.781	12.5
29.....	.7185	11.5
30.....	.656	10.5

Our stock of sizes in the various gauges is well assorted.



## DISTRIBUTORS



**BUNDLING TABLES**  
**ARMCO INGOT IRON GALVANIZED SHEETS**  
 Average Weight per Sheet and Bundle in Pounds

GAUGES	12			14			16			18			20		
	SIZE OF SHEET	Wt. per Sheet	Wt. per Bundle	No. Sheets	Wt. per Sheet	Wt. per Bundle	No. Sheets	Wt. per Sheet	Wt. per Bundle	No. Sheets	Wt. per Sheet	Wt. per Bundle	No. Sheets		
24x 72.....	54.37	163	3	39.3	157	4	31.8	159	5	25.9	155	6	19.9	159	8
26x 72.....	58.91	177	3	42.6	171	4	34.5	138	4	28.0	140	5	21.5	151	7
28x 72.....	63.44	127	2	45.9	138	3	37.2	149	4	30.2	151	5	23.2	162	7
30x 72.....	67.97	136	2	49.2	148	3	39.8	159	4	32.3	162	5	24.8	149	6
36x 72.....	81.56	163	2	59.1	177	3	47.8	143	3	38.8	155	4	29.9	149	5
24x 84.....	63.44	127	2	45.9	138	3	37.2	149	4	30.2	151	5	23.2	162	7
26x 84.....	68.69	137	2	49.7	149	3	40.2	161	4	32.7	163	5	25.1	151	6
28x 84.....	74.00	148	2	53.5	161	3	43.4	174	4	35.2	141	4	27.1	135	5
30x 84.....	79.30	159	2	57.4	172	3	46.5	139	3	37.7	151	4	29.0	145	5
36x 84.....	95.16	190	2	68.9	138	2	55.8	167	3	45.3	136	3	34.8	139	4
24x 96.....	72.50	145	2	52.5	157	3	42.5	170	4	34.5	138	4	26.5	159	6
26x 96.....	78.53	157	2	56.8	171	3	46.0	138	3	37.4	149	4	28.7	143	5
28x 96.....	84.55	169	2	61.2	184	3	49.6	149	3	40.2	161	4	30.9	155	5
30x 96.....	90.62	181	2	65.6	131	2	53.1	159	3	43.1	172	4	33.1	166	5
36x 96.....	108.75	109	1	78.7	157	2	63.7	127	2	51.8	155	3	39.8	159	4
24x 120.....	90.62	181	2	65.6	131	2	53.1	159	3	43.1	129	3	33.1	166	5
26x 120.....	98.15	196	2	71.1	142	2	57.5	173	2	46.7	140	3	35.9	143	4
28x 120.....	105.71	211	2	76.5	153	2	62.0	186	3	50.3	151	3	38.6	155	4
30x 120.....	113.28	113	1	82.0	164	2	66.4	133	2	53.9	162	3	41.4	166	4
36x 120.....	135.94	136	1	98.4	197	2	79.7	159	2	64.7	129	2	49.7	149	3
GAUGES	22			24			26			27			28		
24x 72.....	16.9	152	9	13.9	153	11	10.9	152	14	10.1	152	15	9.4	150	16
26x 72.....	18.3	146	9	15.0	150	10	10.8	153	13	11.0	154	14	10.2	152	15
28x 72.....	19.7	158	8	16.2	146	9	12.7	152	12	11.8	154	13	10.9	153	14
30x 72.....	21.1	148	7	17.3	156	9	13.6	149	11	12.7	152	12	11.7	152	13
36x 72.....	25.3	152	6	20.8	146	7	16.3	147	9	15.2	152	10	14.1	155	11
24x 84.....	19.7	158	8	16.2	146	9	12.7	152	12	11.8	154	13	10.9	153	14
26x 84.....	21.3	149	7	17.5	140	8	13.7	151	11	12.8	153	12	11.8	154	13
28x 84.....	23.0	161	7	18.9	151	8	14.8	148	10	13.8	152	11	12.8	153	12
30x 84.....	24.6	148	6	20.2	142	7	15.9	159	10	14.8	148	10	13.7	150	11
36x 84.....	29.5	148	5	24.3	146	6	19.0	152	8	17.7	159	9	16.4	148	9
24x 96.....	22.5	157	7	18.5	148	8	14.5	145	10	13.5	148	11	12.5	150	12
26x 96.....	24.4	146	6	20.0	160	8	15.7	157	10	14.6	146	10	13.5	149	11
28x 96.....	26.2	157	6	21.6	151	7	16.9	152	9	15.7	157	10	14.6	146	10
30x 96.....	28.1	141	5	23.1	162	7	18.1	145	8	16.9	152	9	15.6	156	10
36x 96.....	33.8	169	5	27.8	166	6	21.8	152	7	20.3	162	8	18.8	150	8
24x 120.....	28.1	141	5	23.1	162	7	18.1	145	8	16.9	152	9	15.6	156	10
26x 120.....	30.5	152	5	25.0	150	6	19.6	157	8	18.3	146	8	16.9	152	9
28x 120.....	32.8	164	5	27.0	162	6	21.1	148	7	19.7	157	8	18.2	146	8
30x 120.....	35.2	141	4	28.9	145	5	22.7	159	7	21.1	148	7	19.5	156	8
36x 120.....	42.2	169	4	34.7	173	5	27.2	163	6	25.3	152	6	23.4	164	7

**ARMCO IRON  
Resists Rust**



The trade mark ARMCO carries the assurance that iron bearing that mark is manufactured by The American Rolling Mill Company with the skill, intelligence and fidelity associated with its products, and hence can be depended upon to possess in the highest degree the merit claimed for it.

## ARMCO INGOT IRON GALVANIZED SHEETS



We are distributors and carry a well-assorted stock of ARMCO Ingot Iron Galvanized Sheets in the various gauges.

By making shipment direct from mill we are in position to furnish ARMCO Ingot Iron in the Black or of any special analysis other than regular.

### Standard Weights per Square Foot

Gauge	Pounds	Ounces
10.....	5.781	92.5
12.....	4.531	72.5
14.....	3.281	52.5
16.....	2.656	42.5
18.....	2.156	34.5
20.....	1.656	26.5
22.....	1.406	22.5
24.....	1.156	18.5
26.....	.906	14.5
27.....	.843	13.5
28.....	.781	12.5

## INGOT IRON ENAMELING STOCK



Ingot Iron Enameling Stock is a pickled sheet, the surface while smooth and free from scale has been cold rolled only sufficiently to insure flatness.

Stock Sizes, 30x96 and 36x96.  
Gauges Nos. 18, 20, 22 and 24.

## STANDARD DIFFERENTIALS AND EXTRAS

Gauge	ONE PASS COLD ROLLED BLACK SHEETS	Price per 100 lbs.
30	Add.....	20c
29	Add.....	10c
28	Carload quantities.....	Base
27	Deduct.....	5c
25-26	Deduct.....	10c
22-24	Deduct.....	15c
17-21	Deduct.....	20c
15-16	Deduct.....	25c
13-14	Deduct.....	30c
10-12	Deduct.....	35c

## STANDARD SIZES

Gauges Nos. 12 to 30, inclusive, 24, 26, 28 and 30 inches wide by 72, 84, 96 and 120 inches long.

Gauges Nos. 14 to 28, inclusive in addition to the foregoing, 36 inches wide by 96 inches and 120 inches long.

NOTE—On all sizes other than standard, when specified in quantities of less than 4,000 pounds to the item, prices will be quoted on application.

## EXTRAS FOR WIDTH

Gauge	Width	Extra per 100 lbs.
16 and Heavier.....	24 inches and Wider.....	None
	Under 24 to 12 inches.....	10c
	Under 12 to 6 inches.....	15c
17 to 18.....	Over 24 to 36 inches.....	None
	Over 36 to 48 inches.....	5c
	Under 24 to 12 inches.....	10c
	Under 12 to 6 inches.....	15c
19 and Lighter.....	Under 24 to 12 inches.....	10c
	Under 12 to 6 inches.....	20c
19 to 21.....	Over 24 to 36 inches.....	None
	Over 36 to 44 inches.....	15c
	Over 44 to 48 inches.....	25c
22 to 24.....	Over 24 to 36 inches.....	None
	Over 36 to 40 inches.....	20c
	Over 40 to 48 inches.....	40c
25 to 27.....	Over 24 to 36 inches.....	None
	Over 36 to 40 inches.....	20c
	Over 40 to 44 inches.....	40c
28.....	Over 32 to 36 inches.....	10c
	Over 36 to 40 inches.....	40c
29 to 30.....	Over 32 to 36 inches.....	10c

## EXTRAS FOR LENGTH

Gauge	Length	Extra per 100 lbs.
16 and Heavier.....	60 inches and Longer.....	None
	Under 60 to 30 inches.....	5c
	Under 30 to 18 inches.....	10c
17 to 18.....	Over 60 to 120 inches.....	None
	Over 120 to 132 inches.....	5c
	Over 132 to 144 inches.....	10c
	Under 60 to 30 inches.....	5c
	Under 30 to 18 inches.....	10c
19 and Lighter.....	Over 60 to 120 inches.....	None
	Over 120 to 144 inches.....	10c
	Under 60 to 30 inches.....	10c
	Under 30 to 18 inches.....	20c

## STANDARD DIFFERENTIALS AND EXTRAS

GALVANIZED STEEL AND ARMCO IRON SHEETS

Gauge		Price per 100 lbs.
30	Add . . . . .	50c
29	Add . . . . .	25c
28	Carload quantities . . . . .	Base
27	Deduct . . . . .	15c
25-26	Deduct . . . . .	30c
22-24	Deduct . . . . .	45c
17-21	Deduct . . . . .	60c
15-16	Deduct . . . . .	75c
12-14	Deduct . . . . .	90c
10-11	Deduct . . . . .	\$1.00

### STANDARD SIZES

Gauges Nos. 12 to 30, inclusive, 24, 26, 28, 30 and 36 inches wide by 72, 84, 96 and 120 inches long.

NOTE—On all sizes other than standard, when specified in quantities of less than 4,000 pounds to the item, prices will be quoted on application.

### EXTRAS FOR WIDTH

Gauge	Width	Extra per 100 lbs.
10 to 15 . . . . .	Over 32 to 40 inches . . . . .	None
	Over 40 to 44 inches . . . . .	10c
	Over 44 to 48 inches . . . . .	20c
16 to 18 . . . . .	Over 32 to 36 inches . . . . .	None
	Over 36 to 44 inches . . . . .	10c
	Over 44 to 48 inches . . . . .	20c
19 to 21 . . . . .	Over 32 to 36 inches . . . . .	None
	Over 36 to 40 inches . . . . .	20c
	Over 40 to 44 inches . . . . .	30c
	Over 44 to 48 inches . . . . .	40c
22 to 24 . . . . .	Over 32 to 36 inches . . . . .	None
	Over 36 to 40 inches . . . . .	20c
	Over 40 to 44 inches . . . . .	40c
	Over 44 to 48 inches . . . . .	60c
25 to 26 . . . . .	Over 32 to 36 inches . . . . .	None
	Over 36 to 40 inches . . . . .	30c
	Over 40 to 44 inches . . . . .	60c
27 . . . . .	Over 32 to 36 inches . . . . .	10c
	Over 36 to 40 inches . . . . .	50c
	Over 40 to 44 inches . . . . .	75c
28 . . . . .	Over 32 to 36 inches . . . . .	20c
	Over 36 to 40 inches . . . . .	60c
29 to 30 . . . . .	Over 32 to 36 inches . . . . .	20c
24 and Heavier . . . . .	Under 24 to 12 inches . . . . .	20c
	Under 12 to 9 inches . . . . .	25c
25 and Lighter . . . . .	Under 24 to 12 inches . . . . .	20c
	Under 12 to 9 inches . . . . .	35c

### EXTRAS FOR LENGTH

Gauge	Length	Extra per 100 lbs.
16 and Heavier . . . . .	60 to 144 inches . . . . .	None
	Under 60 to 30 inches . . . . .	5c
	Under 30 to 18 inches . . . . .	10c
17 to 18 . . . . .	Over 60 to 120 inches . . . . .	None
	Over 120 to 132 inches . . . . .	5c
	Over 132 to 144 inches . . . . .	10c
	Under 60 to 30 inches . . . . .	5c
	Under 30 to 18 inches . . . . .	10c
19 and Lighter . . . . .	Over 60 to 120 inches . . . . .	None
	Over 120 to 144 inches . . . . .	10c
	Under 60 to 30 inches . . . . .	10c
	Under 30 to 18 inches . . . . .	20c

**2½-INCH CORRUGATED SHEETS**

Full Width 26 inches. Covering Width 24 inches.

**Stock Sizes 5, 6, 7, 8, 9, 10, 11 and 12 Feet Long**

Gauges.....	29	28	27	26	24	22	20	18	16
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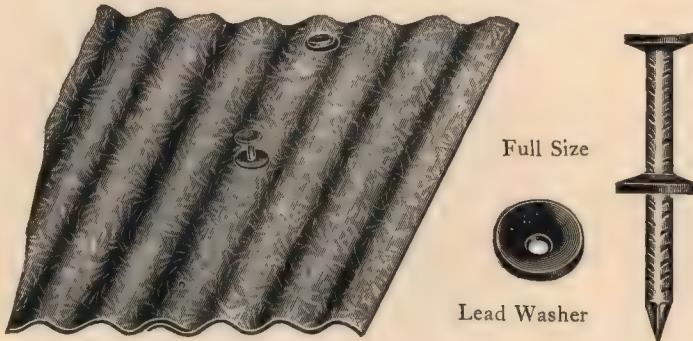
Weight per Square,

Galvanized.....	77	84	91	98	124	151	178	232	286	lbs.
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Weight per Square,

Painted.....	68	76	83	110	136	163	217	271	lbs.
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We can furnish these roofings formed from galvanized or painted open hearth steel; also ARMCO Ingot Iron, galvanized or painted.

**LEAD WASHERS AND NAILS**

**Lead Washers, Size No. 2.**

**Nails, 1, 1¼, 1½, 1¾ and 2 Inches.**

We always recommend the use of lead washers with nails for applying galvanized roofing. There are about 325 washers to the pound. We carry a large stock of both lead washers and galvanized or plain barbed roofing nails.

It generally requires about one-third pound washers and three-fourths pound nails to apply one square of roofing.

**1 $\frac{1}{4}$ -INCH CORRUGATED SHEETS**

Note the Extra Half  
Corrugation to prevent  
Leaks.



Full Width 26 inches. Covering Width 24 inches.

**Stock Sizes 5, 6, 7, 8, 9, 10, 11 and 12 Feet Long.**

Gauges.....	29	28	27	26	24	22	20
Weight per Square, Galvanized....	77	84	91	98	124	151	178
Weight per Square, Painted.....	68	76	83	110	136	163	lbs.

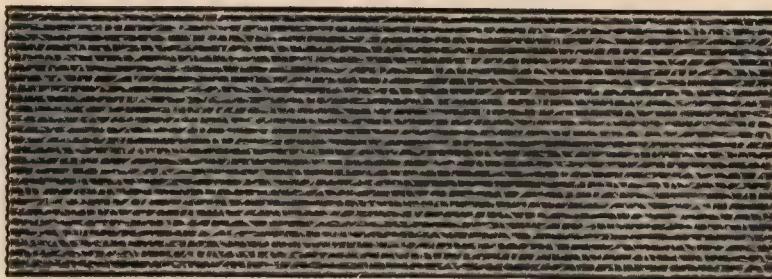
We can furnish these roofings formed from galvanized or painted open hearth steel; also ARMCO Ingot Iron, galvanized or painted.

Corrugations Magnified to Show  
Side Lap.



Extra One-Half Corrugation to Prevent  
Leaks.

Corrugated sheets should have ends lapped three to six inches when applied for roofing, according to pitch of roof, but for siding one to two inches is sufficient.

**5/8-INCH CORRUGATED SHEETS**

Full Width 25 inches. Covering Width 24 inches.

**Stock Sizes 5, 6, 7 and 8 Feet Long.**

Gauges.....	29	28	27	26	24	22	20
-------------	----	----	----	----	----	----	----

Weight per Square, Galvanized...	77	85	91	98	124	151	178	lbs.
Weight per Square, Painted.....	68	76	83	110	136	163		lbs.

We can furnish these roofings formed from galvanized or painted open hearth steel; also ARMCO Ingot Iron, galvanized or painted.

**PRESSED STANDING SEAM ROOFING**

Full Width 26 inches. Covering Width 25 inches.

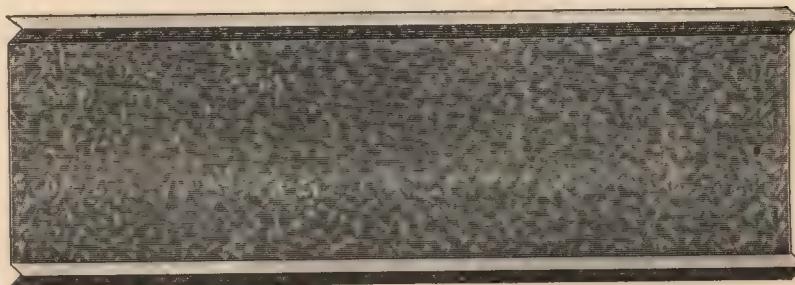
**Stock Sizes 6, 7, 8, 9, 10, 11 and 12 Feet Long.**

Gauges.....	29	28	27	26
-------------	----	----	----	----

Weight per Square, Galvanized.....	83	91	98	105	lbs.
Weight per Square, Painted.....	..	73	80	87	lbs.

We ship cleats unless specified.

## 2-V CRIMP ROOFING



Full Width 26 inches. Covering Width 25 inches.

**Stock Sizes 6, 7, 8, 9, 10, 11 and 12 Feet Long.**

Gauges	29	28	27	26	24	22	20
--------	----	----	----	----	----	----	----

Weight per Square, Galvanized...	77	85	91	98	125	152	179	lbs.
Weight per Square, Painted.....	68	76	83	110	136	136	163	lbs.

We can furnish these roofings formed from galvanized or painted open hearth steel; also ARMCO Ingot Iron, galvanized or painted.

## 3-V CRIMP ROOFING



Full Width 25 inches. Covering Width 24 inches.

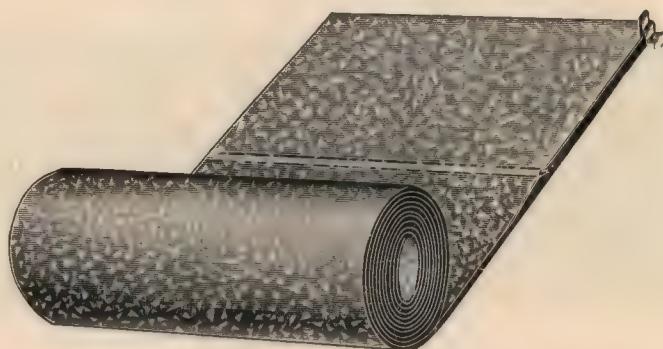
**Stock Sizes 6, 7, 8, 9, 10, 11 and 12 Feet Long.**

Gauges	29	28	27	26	24	22	20
--------	----	----	----	----	----	----	----

Weight per Square, Galvanized..	78	86	92	102	130	158	186	lbs.
Weight per Square, Painted.....	72	79	86	114	142	142	170	lbs.

We do not ship V-wood sticks, unless specified in the order.

## SELF-CAP ROLL ROOFING



27½ inches wide, put up one square to the roll.

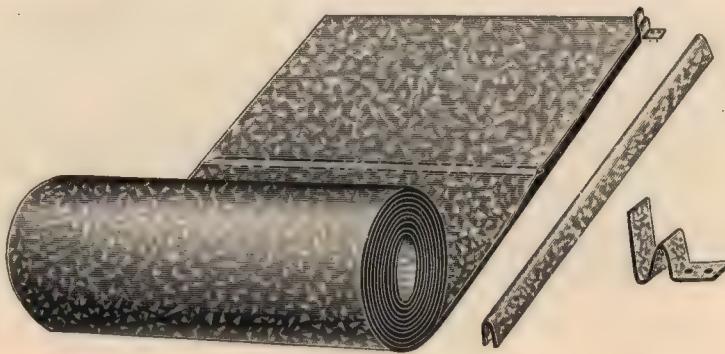
Double cross locked together, notched and re-squared on ends and sides.

Gauges . . . . .	29	28	27	26
Weight per Square, Galvanized . . . . .	78	86	95	102 lbs.
Weight per Square, Painted . . . . .	..	72	79	86 lbs.

The allowable variation from Standard Weights shall be 2½ per cent over or under. The Standard for gauge and weight of sheets shall be that adopted by the United States Government, July 1, 1893.

We can furnish these roofings formed from galvanized or painted open hearth steel; also ARMCO Ingot Iron, galvanized or painted.

## ROLL AND CAP ROOFING WITH CLEATS



27½ inches wide, put up one square to the roll.

Double cross locked together, notched and re-squared on ends and sides.

Gauges . . . . .	29	28	27	26
Weight per Square, Galvanized . . . . .	85	93	101	108 lbs.
Weight per Square, Painted . . . . .	..	77	84	91 lbs.

## **CORRUGATED RIDGE ROLL**



No. 29 Galvanized, weight 70 pounds per 100 feet.

$2\frac{1}{2}$  or  $1\frac{1}{4}$ -inch Corrugations.

10-foot Lengths, 12-inch Girth,  $2\frac{1}{2}$ -inch Roll, 4-inch Apron.

## **CORRUGATED END WALL FLASHING**

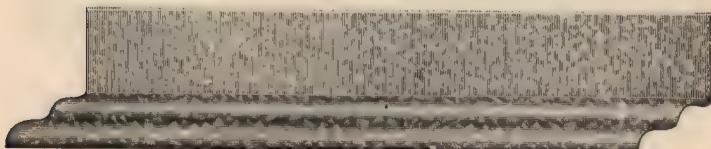


No. 29 Galvanized, Weight 35 pounds per 100 feet.

$2\frac{1}{2}$  or  $1\frac{1}{4}$ -inch Corrugations.

10-foot Lengths, 6-inch Girth, 2-inch Back, 4-inch Apron.

## **CORRUGATED SIDE WALL FLASHING**



No. 29 Galvanized, Weight 35 pounds per 100 feet.

$2\frac{1}{2}$  or  $1\frac{1}{4}$ -inch Corrugations.

10-foot Lengths, 6-inch Girth, 2-inch Back, 4-inch Apron.

## PLAIN BRICK SIDING



Size of Sheets 28x60 inches— $11\frac{2}{3}$  square feet.

Size of Brick  $2\frac{5}{8}$ x $8\frac{1}{2}$  inches.

It requires 8.6 sheets to cover one square.

Gauges	29	28	26
Weight per Square, Galvanized.....	73	79	92 lbs.
Weight per Square, Painted.....	..	65	78 lbs.

We can furnish these sidings formed from galvanized or painted open hearth steel; also ARMCO Ingot Iron, galvanized or painted.

## ROCK-FACE BRICK SIDING



Size of Sheets 28x60 inches— $11\frac{2}{3}$  square feet.

Size of Brick  $2\frac{5}{8}$ x $8\frac{1}{2}$  inches.

It requires 8.6 sheets to cover one square.

Gauges	29	28	26
Weight per Square, Galvanized.....	73	79	92 lbs.
Weight per Square, Painted.....	..	65	78 lbs.

## ROCK-FACE STONE SIDING



Size of Sheets 28x60 inches—11½ square feet.

Size of Stone 7x12 inches.

It requires 8.6 sheets to cover one square.

Gauges	29	28	26
Weight per Square, Galvanized.....	73	79	92 lbs.
Weight per Square, Painted.....	..	65	78 lbs.

We can furnish these sidings formed from galvanized or painted open hearth steel; also ARMCO Ingot Iron, galvanized or painted.

## WEATHER BOARD SIDING

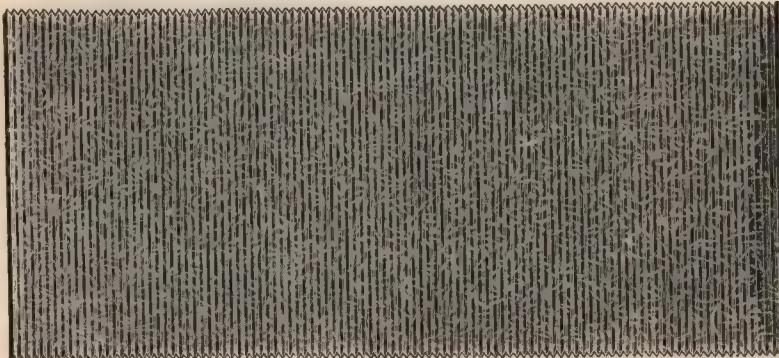


Each Sheet shows 6 boards, 4 inches wide.

Full Width 25 inches. Covering Width 24 inches.

Stock Sizes 6, 7, 8, 9 and 10 feet long.

Gauges	29	28	27	26	24
Weight per Square, Galvanized....	81	88	95	102	130 lbs.
Weight per Square, Painted.....	..	72	79	86	115 lbs.

**$\frac{3}{16}$ -INCH CROSS CRIMPED SHEETS**

No. 24 Gauge and lighter—Galvanized, Painted or Black.

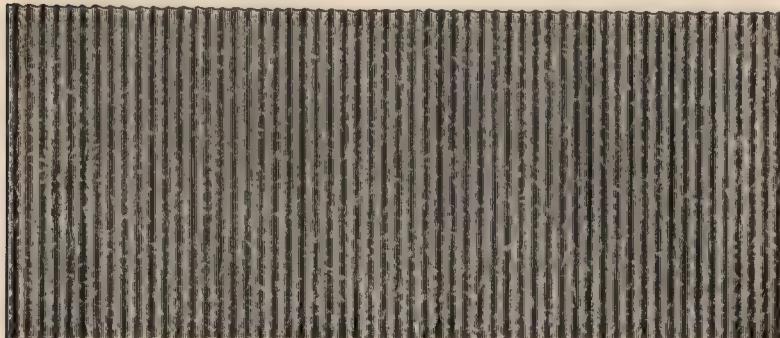
Sheets of any length crimped crosswise up to 36 inches wide.

This style of crimped sheets can be worked in a cornice brake and is widely used for cornice work, also used for ceilings and sidewalls.

 **$\frac{5}{8}$ -INCH CROSS CORRUGATED SHEETS**

No. 24 Gauge and lighter. Galvanized, Painted or Black.

### **1 $\frac{1}{4}$ -INCH CROSS CORRUGATED SHEETS**



No. 22 Gauge and lighter. Galvanized, Painted or Black.

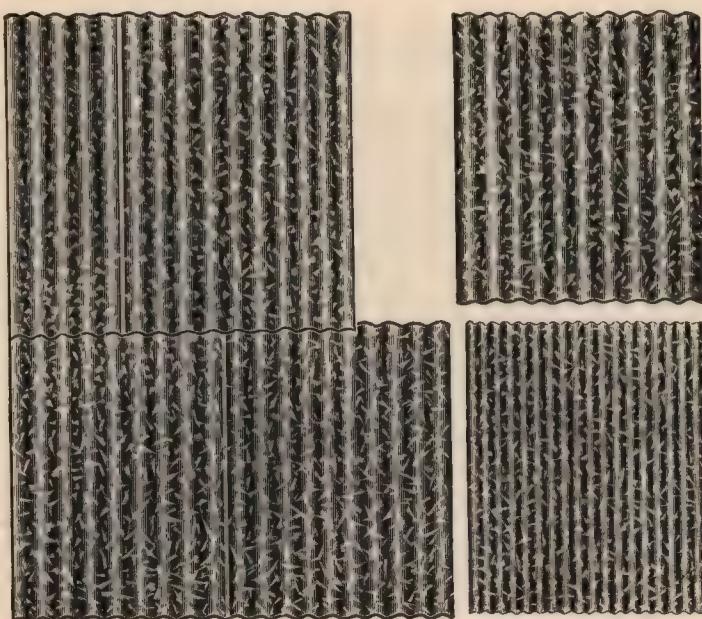
### **2 $\frac{1}{2}$ -INCH CROSS CORRUGATED SHEETS**



No. 16 Gauge and lighter. Galvanized, Painted or Black.

**NOTE**—Cross Corrugated Sheets are formed from flat stock 6, 7, 8, 9 and 10 feet long, and finished about 6 inches short of flat stock length.

## CORRUGATED ELEVATOR SIDING



Corrugated sheets for grain elevators are more extensively used than any other form of siding.

These sheets are made expressly for grain elevators, mills and high buildings which are liable to settle.

Sheets are laid with 2-inch end lap and nails driven 2 inches above the upper edge of lower sheets, thus allowing the sheets to slip 2 inches in the length of each sheet without buckling the sheets or drawing the nails as the sides of the elevator shift.

## 2½-INCH CORRUGATIONS

Stock Sizes, 26 inches wide by... 32 36 40 inches long

Gauges	29	28	27	26	24	22	20
--------	----	----	----	----	----	----	----

Weight per Square, Galvanized..	77	85	91	98	124	151	178	lbs.
Weight per Square, Painted.....	68	76	83	110	136	163		lbs.

## 1¼-INCH CORRUGATIONS

Stock Sizes, 26 inches wide by... 32 36 40 inches long

Gauges	29	28	27	26	24	22	20
--------	----	----	----	----	----	----	----

Weight per Square, Galvanized..	79	87	94	101	129	157	185	lbs.
Weight per Square, Painted.....	72	79	86	114	142	170		lbs.

## CORRUGATED SHEETS FOR ROOFING, SIDING

The following table can be used for  $2\frac{1}{2}$  and  $1\frac{1}{4}$ -inch Corrugated, or any roofing finishing 26 inches wide.

The allowable variation from Standard Weights shall be  $2\frac{1}{2}$  per cent over or under. The Standard for gauge and weight of sheets shall be that adopted by the United States Government, July 1, 1893.

No. Sheets	LENGTH OF SHEETS						No. Sheets	LENGTH OF SHEETS					
	6 Ft.	7 Ft.	8 Ft.	9 Ft.	10 Ft.	12 Ft.		6 Ft.	7 Ft.	8 Ft.	9 Ft.	10 Ft.	12 Ft.
1.....	13	15	17	20	22	26	51.....	663	774	884	995	1105	1326
2.....	26	31	35	39	44	52	52.....	676	789	902	1014	1127	1352
3.....	39	46	52	59	65	78	53.....	689	804	919	1034	1149	1378
4.....	52	61	70	78	87	104	54.....	702	819	936	1053	1170	1404
5.....	65	76	87	98	109	130	55.....	715	835	954	1073	1192	1430
6.....	78	91	104	117	130	156	56.....	728	850	971	1092	1214	1456
7.....	91	107	122	137	152	182	57.....	741	865	988	1112	1235	1482
8.....	104	122	139	156	174	208	58.....	754	880	1006	1131	1257	1508
9.....	117	137	156	176	195	234	59.....	767	895	1023	1151	1279	1534
10.....	130	152	174	195	217	260	60.....	780	910	1040	1170	1300	1560
11.....	143	167	191	215	239	286	61.....	793	926	1058	1190	1322	1586
12.....	156	182	208	234	260	312	62.....	806	941	1075	1209	1344	1612
13.....	169	198	226	254	282	338	63.....	819	956	1092	1229	1365	1638
14.....	182	213	243	273	304	364	64.....	832	971	1110	1248	1387	1664
15.....	195	228	260	293	325	390	65.....	845	986	1127	1268	1409	1690
16.....	208	243	278	312	347	416	66.....	858	1001	1144	1287	1430	1716
17.....	221	258	295	332	369	442	67.....	871	1017	1162	1307	1452	1742
18.....	234	273	312	351	390	468	68.....	884	1032	1179	1326	1474	1768
19.....	247	289	330	371	412	494	69.....	897	1047	1196	1346	1495	1794
20.....	260	304	347	390	434	520	70.....	910	1062	1214	1365	1517	1820
21.....	273	319	364	410	455	546	71.....	923	1077	1231	1385	1539	1846
22.....	286	334	382	429	477	572	72.....	936	1092	1248	1404	1560	1872
23.....	299	349	399	449	499	598	73.....	949	1108	1266	1424	1582	1898
24.....	312	364	416	468	520	624	74.....	962	1123	1283	1443	1604	1924
25.....	325	379	434	488	542	650	75.....	975	1138	1300	1463	1625	1950
26.....	338	395	451	507	564	676	76.....	988	1153	1318	1482	1647	1976
27.....	351	410	468	527	585	702	77.....	1001	1168	1335	1502	1669	2002
28.....	364	425	486	546	607	728	78.....	1014	1183	1352	1521	1690	2028
29.....	377	440	503	566	629	754	79.....	1027	1199	1370	1541	1712	2054
30.....	390	455	520	585	650	780	80.....	1040	1214	1387	1560	1734	2080
31.....	403	470	538	605	672	806	81.....	1053	1229	1404	1580	1755	2106
32.....	416	486	555	624	694	832	82.....	1066	1244	1422	1599	1777	2132
33.....	429	501	572	644	715	858	83.....	1079	1259	1439	1619	1799	2158
34.....	442	516	590	663	737	884	84.....	1092	1274	1456	1638	1820	2184
35.....	455	531	607	683	759	910	85.....	1105	1290	1474	1658	1842	2210
36.....	468	546	624	702	780	936	86.....	1118	1305	1491	1677	1864	2236
37.....	481	562	642	722	802	962	87.....	1131	1320	1508	1697	1885	2262
38.....	494	577	659	741	824	988	88.....	1144	1335	1526	1716	1907	2288
39.....	507	592	676	761	845	1014	89.....	1157	1350	1543	1736	1929	2314
40.....	520	607	694	780	867	1040	90.....	1170	1365	1560	1755	1950	2340
41.....	533	622	711	800	889	1066	91.....	1183	1381	1578	1775	1972	2366
42.....	546	637	728	819	910	1092	92.....	1196	1396	1595	1794	1994	2392
43.....	559	653	746	839	932	1118	93.....	1209	1411	1612	1814	2015	2418
44.....	572	668	763	858	954	1144	94.....	1222	1426	1630	1833	2037	2444
45.....	585	683	780	878	975	1170	95.....	1235	1441	1647	1853	2059	2470
46.....	598	698	798	897	997	1196	96.....	1248	1456	1664	1872	2080	2496
47.....	611	713	815	917	1019	1222	97.....	1261	1472	1682	1892	2102	2522
48.....	624	728	832	936	1040	1248	98.....	1274	1487	1699	1911	2124	2548
49.....	637	744	850	956	1062	1274	99.....	1287	1502	1716	1931	2145	2574
50.....	650	759	867	975	1084	1300	100.....	1300	1517	1734	1950	2167	2600

As no allowance is made for laps, the following table gives the number of square feet necessary to cover one square (100 square feet) of surface, providing there is no waste in cutting.

Estimate for  $2\frac{1}{2}$  or  $1\frac{1}{4}$ -inch Corrugation, 26 inches wide.

END LAP	1 inch	2 inches	3 inches	4 inches	5 inches	6 inches
Side Lap 1 Corrugation.....	110 sq. ft.	111 sq. ft.	112 sq. ft.	113 sq. ft.	114 sq. ft.	115 sq. ft.
Side Lap $1\frac{1}{2}$ Corrugation.....	116 sq. ft.	117 sq. ft.	118 sq. ft.	119 sq. ft.	120 sq. ft.	121 sq. ft.
Side Lap 2 Corrugation.....	123 sq. ft.	124 sq. ft.	125 sq. ft.	126 sq. ft.	127 sq. ft.	128 sq. ft.

## CORRUGATED CURVED SHEETS



Single Curved Corrugated for Awnings

Can furnish  $2\frac{1}{2}$  and  $1\frac{1}{4}$ -inch Corrugated curved to any required radius.

Stock Sizes . . .	5	6	7	8	9	10	11	12	ft. long
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Selling Meas-

urement . . . . .  $10\frac{5}{6}$  13  $15\frac{1}{6}$   $17\frac{1}{3}$   $19\frac{1}{2}$   $21\frac{2}{3}$   $23\frac{5}{6}$  26 sq. ft.

Gauges . . . . .	29	28	27	26	24
------------------	----	----	----	----	----

Weight per Square, Galvanized . . . . . 77 84 91 98 124 lbs.

Weight per Square, Painted . . . . . . . . . 68 76 83 110 lbs.



Double Curved Corrugated

Full Width 26 inches.

Covering Width 24 inches.

## CORRUGATED CURVED SHEETS



Single Curved Corrugated

### 2½-INCH CORRUGATED CURVED ARCHES For Roofing and Ceiling

Sheets curved to any required radius and of any strength from Nos. 16 to 28 Gauges, inclusive.

Always state width of span or base and height of rise for curved sheets.

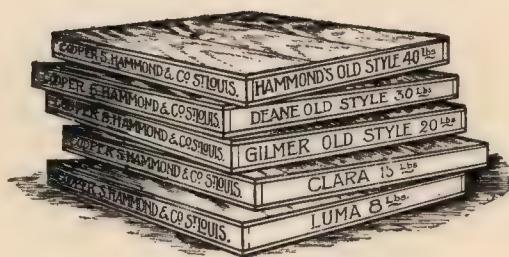


Curved Corrugated as used with beams

### Directions for Ordering

If for Roofing, allow for projections. If for Ceiling, give the distance between the webs of the I-beams, rise of arch and length and number of spaces to be covered.

## TIN PLATE



Our Old Style Roofing Terne Plates are made by the old method palm old process. Every sheet is stamped with the weight of coating and our own brand name, carefully resquared, inspected, and packed in cases containing 112 sheets, 20x28.

Brand Name		Coating	Thickness
Hammond's Old Style	.....	40 pounds	IC and IX
Deane	Old Style	30 pounds	IC and IX
Clayborne	Old Style	25 pounds	IC only
Gilmore	Old Style	20 pounds	IC and IX
Clara	Common	15 pounds	IC only
Luma	Common	8 pounds	IC and IX

We also carry a stock of IC and IX Scott's Extra Coated and Taylor's Target and Arrow.

## TIN ROOFERS' TABLES

Tables show the square feet of roof for any number of sheets of 20x28 tin plate from 1 to 1000; also show the number of sheets of 20x28 tin plate required to lay any given roof varying in size from 3 square feet to 3,328 square feet.

## 20x28 FLAT SEAM ROOFING

Size of tin, 20x28, edged, 19x27; square feet exposed, 3.56; sheets per box, 112.

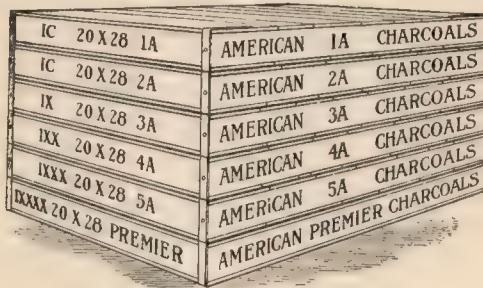
No. Sheets	Square Feet								
1	4	23	82	45	160	67	239	89	317
2	7	24	86	46	164	68	242	90	321
3	10	25	89	47	167	69	246	91	324
4	14	26	93	48	171	70	249	92	328
5	18	27	96	49	175	71	253	93	331
6	21	28	100	50	178	72	256	94	335
7	25	29	103	51	182	73	260	95	338
8	29	30	107	52	185	74	264	96	342
9	32	31	110	53	189	75	267	97	346
10	36	32	114	54	192	76	271	98	349
11	39	33	118	55	196	77	274	99	353
12	43	34	121	56	199	78	278	100	356
13	46	35	125	57	203	79	281	200	713
14	50	36	128	58	207	80	285	300	1069
15	53	37	132	59	210	81	289	400	1425
16	57	38	135	60	214	82	292	500	1787
17	61	39	139	61	217	83	296	600	2138
18	64	40	143	62	221	84	299	700	2494
19	68	41	146	63	224	85	303	800	2850
20	71	42	150	64	228	86	306	900	3206
21	75	43	153	65	232	87	310	1000	3562
22	78	44	157	66	235	88	314		

## 20x28 STANDING SEAM ROOFING

Size of tin, 20x28; exposed on roof, 17 $\frac{3}{4}$ x27; square feet exposed, 3.33; sheets per box, 112.

No. Sheets	Square Feet								
1	3	23	77	45	150	67	223	89	296
2	7	24	80	46	153	68	226	90	300
3	10	25	83	47	156	69	230	91	303
4	13	26	86	48	160	70	233	92	306
5	17	27	90	49	163	71	236	93	309
6	20	28	93	50	166	72	240	94	313
7	23	29	96	51	170	73	243	95	316
8	27	30	100	52	173	74	246	96	319
9	30	31	103	53	176	75	250	97	323
10	33	32	106	54	180	76	253	98	326
11	37	33	110	55	183	77	256	99	329
12	40	34	113	56	186	78	259	100	333
13	43	35	116	57	190	79	263	200	656
14	47	36	120	58	193	80	266	300	998
15	50	37	123	59	196	81	269	400	1331
16	53	38	126	60	200	82	273	500	1664
17	57	39	130	61	203	83	276	600	1997
18	60	40	133	62	206	84	280	700	2330
19	63	41	136	63	210	85	283	800	2662
20	67	42	140	64	213	86	286	900	2925
21	70	43	143	65	216	87	289	1000	3328
22	73	44	146	66	220	88	293		

## CHARCOAL BRIGHT TIN PLATES



## Coatings A, AA, AAA, AAAA

Gauges.....	IC	IX	IIXX	IXXX	IXXXX
Net weights.....	216	272	157	178	199
Sheets per case.....	112	112	56	56	56

Table based on 20x28 inch sheets. We can also furnish in 14x20 inch size. 3A and 4A are tissue packed.

## COKE TIN PLATES

Standard Size 20x28

Base Weight, pounds, 90; 95; 100; IC; IX.

## Heater Pipe Sizes

Sizes, inches.....	20x26½	20x29½	20x32½	20x36	20x39
Sizes of pipe, inches.....	8	9	10	11	12
ICL net weight, pounds..	190	211	233	258	290
IX net weight, pounds..	257	285	314	360	377

## Standard Gauges and Weights of Tin Plate

Trade Terms	Nearest Wire Gauge No.	Weights per Square Feet	Weights per Box 14x20
56.....	38	.257	56
60.....	37	.275	60
65.....	35	.298	65
70.....	35	.322	70
75.....	34	.345	75
80.....	33	.367	80
85.....	32	.39	85
90.....	31	.413	90
95.....	31	.436	95
100.....	30½	.459	100
IC.....	30	.491	107
IXL.....	28	.588	128
IX.....	28	.619	135
IIXX.....	27	.712	155
IXXX.....	26	.803	175
IXXXX.....	25	.895	195
IXXXXX.....	24	.987	215

## TIN ROLL VALLEY

Made from all grades of roofing plates.

Widths 10, 14, 20 and 28 inches.

50 lineal foot rolls.

Our regular stock is painted red on both sides with double locked seams, not soldered. When specially ordered, we can furnish not painted or painted one side only and with single or double locked seams soldered.



## ROOFING TIN IN CONTINUOUS ROLLS

Made from all grades of roofing plates. Ready to apply without further preparation.

Regular stock furnished painted red on under side, seams single locked and soldered one side.

Regular stock, 20 and 28-inch widths.

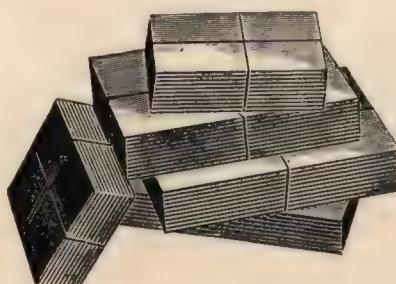
27 sheets containing 100 square feet before locking.

28 sheets containing 100 square feet after locking.

31 sheets containing sufficient to lay one square.

Can furnish 14-inch widths on special order.

## FLASHING SHINGLES



Painted and not painted.

Sizes, 4x5, 5x7 and 7x10

Made in same grades as Roofing Plate, also Galvanized Steel and Armco Iron.

## SOLDER

HAMMOND'S WARRANTED  $\frac{1}{2}$  &  $\frac{1}{2}$ 

Made of new metal; warranted to be half tin and half lead; suitable for soldering tinware and work where a first-class solder is wanted.

HAMMOND'S SPECIAL  $\frac{1}{2}$  &  $\frac{1}{2}$ 

A high-grade solder, made of new material, suitable for regular tin and cornice work.

## SOLDERING COPPERS



Pounds, per pair.....1 1 $\frac{1}{2}$  2 2 $\frac{1}{2}$  3 3 $\frac{1}{2}$  4 5 6 8 10

## SOLDERING COPPER HANDLES

Made of best hard wood,  
neatly finished.



## SPECO—SOLID SAL AMMONIAC

Six flat surfaces ready for use. It's handy. 1-lb. cakes. No waste.



Made From the Finest, Select Second-Growth Hickory

Sizes, inches.....2x5 2 $\frac{1}{2}$ x6 2 $\frac{3}{4}$ x6 3x6 3 $\frac{1}{2}$ x6 3 $\frac{3}{4}$ x6

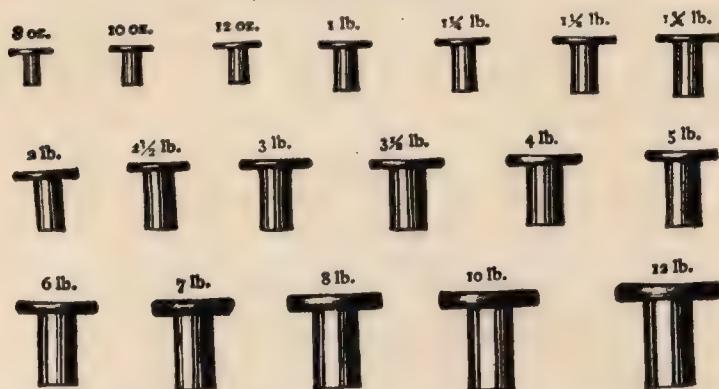


## CHARCOAL

We carry best grade of soft Charcoal put up in sacks of about 2 $\frac{1}{2}$  bushels.

## TINNERS' RIVETS

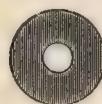
(Cuts Actual Size.)



We carry a large, well-assorted stock of black, tinned; also copper Rivets.

## BURRS

Tinned or Copper



Nos. 7, 8 and 9; put up in 1-lb. packages.

## STOVE BOLTS



Round Head



Flat Head

Length of Bolt Measured From Under Head.  
List Adopted June 1, 1908

Length, Inches	ROUND HEAD				FLAT HEAD			
	Diameter, Inches							
	Weight Lbs. Per 100	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{3}{16}$	Weight Lbs. Per 100	$\frac{3}{16}$	$\frac{1}{4}$	Weight Lbs. Per 100
$\frac{1}{2}$ .....	$\frac{3}{4}$	\$0.85	2	\$1.20	$\frac{3}{4}$	\$0.85	2	\$1.20
$\frac{5}{8}$ .....	1	.85	$2\frac{1}{8}$	1.20	1	.85	$2\frac{1}{8}$	1.20
$\frac{3}{4}$ .....	$1\frac{1}{8}$	.85	$2\frac{1}{4}$	1.20	$1\frac{1}{8}$	.85	$2\frac{1}{4}$	1.20
$\frac{7}{8}$ .....	$1\frac{1}{4}$	.90	$2\frac{3}{8}$	1.25	$1\frac{1}{4}$	.90	$2\frac{3}{8}$	1.25
1.....	$1\frac{3}{8}$	.90	$2\frac{1}{2}$	1.30	$1\frac{3}{8}$	.90	$2\frac{1}{2}$	1.30
$1\frac{1}{4}$ .....	$1\frac{1}{2}$	1.00	$2\frac{3}{4}$	1.40	$1\frac{1}{2}$	1.00	$2\frac{3}{4}$	1.40
$1\frac{1}{2}$ .....	$1\frac{3}{4}$	1.10	$3\frac{1}{8}$	1.50	$1\frac{3}{4}$	1.10	$3\frac{1}{8}$	1.50
$1\frac{3}{4}$ .....	2	1.15	$3\frac{1}{2}$	1.55	2	1.15	$3\frac{1}{2}$	1.55
2.....	$2\frac{1}{4}$	1.20	$3\frac{3}{4}$	1.60	$2\frac{1}{4}$	1.20	$3\frac{3}{4}$	1.60
$2\frac{1}{2}$ .....	$2\frac{1}{2}$	1.25	$4\frac{1}{4}$	1.70	$2\frac{1}{2}$	1.25	$4\frac{1}{4}$	1.70
$2\frac{3}{4}$ .....	$2\frac{3}{4}$	1.30	$4\frac{3}{4}$	1.80	$2\frac{3}{4}$	1.30	$4\frac{3}{4}$	1.80

100 in a package.

## SHEET COPPER AND COPPER PRODUCTS

We are a representative for one of the largest, well-known manufacturers of Copper in sheets, plain, polished or tinned; also Plates, Rolls, Flats, Rivets and Nails, therefore, we are in a position to give you very prompt service from stock or direct shipment from the mill.

We maintain at all times a large stock of 14 and 16-ounce Soft and Cold-Rolled Copper Sheets in the popular sizes. We also carry a stock of boiler and kettle bottoms.

### Stock Sizes

18x96, 20x96, 24x96, 26x96, 28x96, 30x96, and 36x96

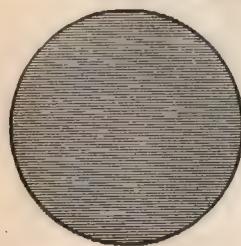
Tinned One Side, 16-oz., 30x96

Polished and Tinned One Side, 14-oz., 14x60

We can furnish  $\frac{3}{16}$ -inch cross crimp copper for cornice work.

### COPPER KETTLE AND BOILER BOTTOMS

#### Tinned One Side



Numbers.. 7 8 9

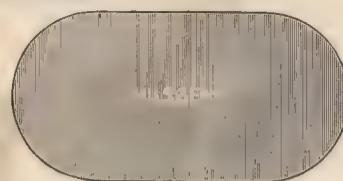
Sizes,

inches.. 9 $\frac{1}{2}$  10 $\frac{1}{2}$  11 $\frac{1}{2}$

Numbers.... 7 8 9

Sizes,

inches.. 11 $\frac{1}{4}$ x20 $\frac{3}{4}$  12x22 $\frac{3}{4}$  13x25



### SOLID COPPER SHINGLE AND ROOFING NAILS



#### Nail Sizes

2d 1 in.	2 $\frac{1}{2}$ d 1 $\frac{1}{8}$ in.	3d 1 $\frac{1}{4}$ in.	3 $\frac{1}{2}$ d 1 $\frac{3}{8}$ in.	4d 1 $\frac{1}{2}$ in.	5d 1 $\frac{3}{4}$ in.
6d 2 in.	7d 2 $\frac{1}{4}$ in.	8d 2 $\frac{1}{2}$ in.	9d 2 $\frac{3}{4}$ in.	10d 3 in.	12d 3 $\frac{1}{4}$ in.



### SHEET ZINC

We carry a large stock of No. 9 Commercial and No. 11 Horse Head Sheet Zinc.

Stock Sizes, No. 9 Commercial Zinc:  
36x84, 30x96, 32x108 and 36x108

### Comparison of Weights—Common Gauges

Number....	5	6	7	8	9	10	11	12	13	14
Pounds per sq. foot..	.37	.45	.52	.60	.67	.75	.90	1.05	1.20	1.33
Thickness inches....	.010	.012	.014	.016	.018	.020	.024	.028	.032	.036

## TABLE OF GAUGES, WEIGHTS, ETC.

Various sheet metals are measured in thickness according to different gauge standards. Sheet Brass is usually measured in thickness according to American or Brown & Sharp (B & S) gauge. The Stub's gauge is commonly used for Sheet Copper. The United States Standard (U. S. S.) gauge, legalized by Act of Congress, March 3, 1893, is generally used for sheet Steel, Iron and Galvanized Iron.

STEEL			BRASS			COPPER		
U.S.S. No.	Decimal Thick- ness	Weight lbs. per sq. ft.	B & S No.	Decimal Thick- ness	Weight lbs. per sq. ft.	Stub's No.	Decimal Thick- ness	Weight lbs. per sq. ft.
1	.2812	11.47	1	.2893	12.81	1	.300	13.95
2	.2656	10.83	2	.2576	11.41	2	.284	13.21
3	.25	10.2	3	.2294	10.16	3	.259	12.05
4	.2343	9.562	4	.2043	9.047	4	.238	11.07
5	.2187	8.925	5	.1819	8.055	5	.220	10.23
6	.2031	8.287	6	.1620	7.174	6	.203	9.44
7	.1875	7.65	7	.1442	6.390	7	.180	8.37
8	.1718	7.012	8	.1284	5.690	8	.165	7.67
9	.1562	6.375	9	.1144	5.066	9	.148	6.88
10	.1406	5.737	10	.1018	4.512	10	.134	6.23
11	.125	5.1	11	.0907	4.018	11	.120	5.58
12	.1093	4.462	12	.0808	3.578	12	.109	5.07
13	.0937	3.825	13	.0719	3.186	13	.095	4.41
14	.0781	3.187	14	.0640	2.838	14	.083	3.86
15	.0703	2.868	15	.0570	2.527	15	.072	3.35
16	.0625	2.55	16	.0508	2.250	16	.065	3.00
17	.0562	2.295	17	.0452	2.004	17	.058	2.69
18	.05	2.04	18	.0403	1.785	18	.049	2.28
19	.0437	1.785	19	.0358	1.589	19	.042	1.95
20	.037	1.53	20	.0319	1.415	20	.035	1.625
21	.0347	1.402	21	.0284	1.260	21	.032	1.5
22	.0312	1.275	22	.0253	1.123	22	.028	1.3
23	.0281	1.147	23	.0225	.9994	23	.025	1.16
24	.025	1.02	24	.0201	.8901	24	.022	1.023
25	.0218	.8925	25	.0179	.7926	25	.020	.937
26	.0187	.765	26	.0159	.7059	26	.018	.832
27	.0171	.7012	27	.0141	.6283	27	.016	.75
28	.0156	.6375	28	.0126	.5597	28	.014	.651
29	.0140	.5737	29	.0112	.4986	29	.013	.604
30	.0125	.51	30	.0100	.4441	30	.012	.562
31	.0109	.4462	31	.0089	.3953	31	.010	.465
32	.0104	.4143	32	.0079	.3520	32	.009	.418
33	.0093	.3825	33	.0070	.3135	33	.008	.372
34	.0085	.3506	34	.0063	.2792	34	.007	.325
35	.0078	.3187	35	.0056	.2486	35	.005	.233
36	.0070	.2868	36	.005	.2214	36	.004	.186

## EAVES TROUGH

Formed from Galvanized Open Hearth Steel, ARMCO Ingot Iron, Copper or Horse Head Zinc.



### SINGLE BEAD LAP JOINT EAVES TROUGH

#### Ounces

Gauge	Foot	Size of Beads, inches...	Per Sq.	Sizes of Trough, inches.	3	3½	4	4½	5	6	7	8	9	10
				Size of Trough, inches.	1/2	3/4	1/2	1/2	1/2	5/8	5/8	5/8	5/8	5/8
		Girth, in inches.....		6	7	8	9	10	12	14	16	18	20	
29	11½	List.....	\$0.13	.14	.16	.18	.19	.23	.27	.31	.36	.40		
28	12½	List.....		.15	.16	.18	.20	.21	.25	.30	.34	.38	.42	
26	14½	List.....		.19	.20	.22	.24	.25	.30	.35	.40	.45	.50	
24	18½	List.....				.28	.30	.31	.37	.44	.50	.56	.62	



### DOUBLE BEAD LAP JOINT EAVES TROUGH

Gauge		Sizes of Trough, inches.	3	3½	4	4½	5	6	7	8	9	10
		Sizes of Beads, inches...	1/2	3/4	1/2	1/2	1/2	5/8	5/8	5/8	5/8	5/8
		Girth, in inches.....	8	9	10	11	12	14	16	18	20	22
29		List.....	\$0.18	.19	.21	.23	.24	.28	.32	.36	.41	.45
28		List.....		.20	.21	.23	.25	.26	.30	.35	.39	.43
26		List.....		.24	.25	.27	.29	.30	.35	.40	.45	.50
24		List.....			.33	.35	.36	.42	.49	.55	.61	.67

## EAVES TROUGH

Galvanized

Table Showing Net Prices per 100 Feet on Each Size at Various Discounts. Lap Joint Single Bead

Sizes.....	3 in.	3½ in.	4 in.	4½ in.	5 in.	6 in.	7 in.
List Prices per 100 feet No. 29 Gauge.....	\$13.00	\$14.00	\$16.00	\$18.00	\$19.00	\$23.00	\$27.00
1 85-25 per cent	\$1.46	\$1.58	\$1.80	\$2.03	\$2.14	\$2.59	\$3.04
2 85-20-5 "	1.48	1.60	1.82	2.05	2.17	2.62	3.08
3 85-10-10-5 "	1.50	1.62	1.85	2.07	2.19	2.66	3.12
4 85-20-21½ "	1.52	1.64	1.87	2.11	2.22	2.69	3.16
5 85-10-10-2½ "	1.54	1.66	1.90	2.13	2.25	2.73	3.20
6 85-20 "	1.56	1.68	1.92	2.16	2.28	2.76	3.24
7 85-10-10 "	1.58	1.70	1.94	2.19	2.31	2.79	3.28
8 85-10-7½ "	1.62	1.75	2.00	2.25	2.37	2.87	3.37
9 85-10-5 "	1.67	1.80	2.05	2.31	2.44	2.95	3.46
10 85-10 "	1.75	1.89	2.16	2.43	2.57	3.11	3.65
11 85-7½ "	1.80	1.94	2.22	2.50	2.64	3.19	3.75
12 80-25-5 "	1.85	1.99	2.28	2.56	2.71	3.28	3.85
13 85-5 "	1.85	1.99	2.28	2.56	2.71	3.28	3.85
14 80-10-10-10 "	1.90	2.04	2.33	2.63	2.77	3.36	3.93
15 80-20-5-2½ "	1.93	2.08	2.37	2.67	2.82	3.41	4.00
16 80-25 "	1.95	2.10	2.40	2.70	2.85	3.45	4.05
17 85 "	1.95	2.10	2.40	2.70	2.85	3.45	4.05
18 80-20-5 "	1.98	2.13	2.43	2.74	2.89	3.50	4.10
19 80-10-10-5 "	2.00	2.16	2.46	2.77	2.93	3.56	4.15
20 80-10-10-2½ "	2.06	2.12	2.53	2.85	3.00	3.64	4.26
21 80-20 "	2.08	2.24	2.56	2.88	3.04	3.68	4.32
22 80-10-10 "	2.11	2.27	2.59	2.92	3.08	3.73	4.37
23 80-10-5-2½ "	2.16	2.33	2.67	3.00	3.17	3.83	4.50
24 80-10-5 "	2.22	2.39	2.74	3.08	3.25	3.93	5.62
25 80-10-2½ "	2.27	2.46	2.81	3.16	3.33	4.04	4.74
26 80-10 "	2.34	2.52	2.88	3.24	3.42	4.14	4.86
27 80-5-2½ "	2.41	2.59	2.96	3.33	3.52	4.26	5.00
28 80-5 "	2.47	2.66	3.04	3.42	3.61	4.37	5.13
29 80-2½ "	2.53	2.73	3.12	3.51	3.70	4.48	5.26
30 80 "	2.60	2.80	3.20	3.60	3.80	4.60	5.40
31 75-10-10 "	2.63	2.83	3.24	3.64	3.84	4.65	5.46
32 75-10-5-2½ "	2.70	2.92	3.33	3.75	3.96	4.79	5.63
33 75-15 "	2.76	2.98	3.40	3.83	4.04	4.89	5.74
34 75-10-5 "	2.77	2.99	3.42	3.85	4.06	4.91	5.77
35 75-12½ "	2.84	3.06	3.50	3.94	4.16	5.03	5.91
36 75-10-2½ "	2.85	3.07	3.51	3.95	4.16	5.04	5.92
37 75-10 "	2.92	3.15	3.60	4.05	4.27	5.17	6.07
38 75-7½ "	3.01	3.24	3.70	4.16	4.39	5.32	6.24
39 75-5-2½ "	3.01	3.24	3.70	4.16	4.40	5.33	6.25
40 75-5 "	3.09	3.32	3.80	4.27	4.51	5.46	6.41
41 75-2½ "	3.17	3.41	3.90	4.39	4.63	5.61	6.58
42 75 "	3.25	3.50	4.00	4.50	4.75	5.75	6.75
43 70-15 "	3.31	3.57	4.08	4.59	4.85	5.87	6.89
44 60-25-15 "	3.31	3.57	4.08	4.59	4.85	5.87	6.89
45 70-12½ "	3.41	3.67	4.20	4.72	4.99	6.04	7.09
46 60-25-12½ "	3.41	3.67	4.20	4.72	4.99	6.04	7.09
47 70-10 "	3.51	3.78	4.32	4.86	5.13	6.21	7.29
48 60-25-10 "	3.51	3.78	4.32	4.86	5.13	6.21	7.29
49 70-7½ "	3.61	3.88	4.44	4.99	5.27	6.38	7.49
50 70-5 "	3.70	3.99	4.56	5.13	5.41	6.55	7.69
51 60-25-5 "	3.70	3.99	4.56	5.13	5.41	6.55	7.69
52 70-2½ "	3.80	4.09	4.68	5.26	5.56	6.73	7.90
53 60-25-2½ "	3.80	4.09	4.68	5.26	5.56	6.73	7.90
54 70 "	3.90	4.20	4.80	5.40	5.70	6.90	8.10
55 60-20-5 "	3.95	4.26	4.86	5.47	5.78	6.99	8.21
56 60-22½ "	4.03	4.34	4.96	5.58	5.89	7.13	8.37
57 60-20-2½ "	4.06	4.37	4.99	5.62	5.93	7.18	8.42
58 60-20 "	4.16	4.48	5.12	5.76	6.08	7.36	8.64
59 60-17½ "	4.29	4.62	5.28	5.94	6.27	7.59	8.91
60 60-15 "	4.42	4.76	5.44	6.12	6.46	7.82	9.18
61 60-12½ "	4.55	4.90	5.60	6.30	6.65	8.05	9.45
62 60-10-2½ "	4.56	4.91	5.62	6.32	6.67	8.07	9.48
63 60-10 "	4.68	5.04	5.76	6.48	6.84	8.28	9.72
64 60-7½ "	4.81	5.18	5.92	6.66	7.03	8.51	9.99
65 60-5 "	4.94	5.32	6.08	6.84	7.22	8.74	10.36
66 60-2½ "	5.07	5.46	6.24	7.02	7.41	8.97	10.53
67 60 "	5.20	5.60	6.40	7.20	7.60	9.20	10.80

## EAVES TROUGH

Formed from Galvanized Open Hearth Steel, ARMCO Ingot Iron, Copper or Horse Head Zinc.



## SINGLE BEAD SLIP JOINT EAVES TROUGH

Ounces  
Per Sq.

Gauge	Foot	Size of Trough, inches..	3	3½	4	4½	5	6	7	8	9	10
29	11½	List.....	\$0.14	.15	.17	.19	.20	.25	.29	.33	.38	.42
28	12½	List.....	.16	.17	.19	.21	.22	.27	.32	.36	.40	.44
26	14½	List.....	.20	.21	.23	.25	.26	.32	.37	.42	.47	.52
24	18½	List.....	.29	.31	.32	.39	.46	.52	.58	.64		



## DOUBLE BEAD SLIP JOINT EAVES TROUGH

Gauge	Sizes of Trough, inches.	3	3½	4	4½	5	6	7	8	9	10
29	List.....	\$0.19	.20	.22	.24	.25	.30	.34	.38	.43	.47
28	List.....		.21	.22	.24	.26	.27	.32	.37	.41	.45
26	List.....			.25	.26	.28	.30	.31	.37	.42	.47
24	List.....				.34	.36	.37	.44	.51	.57	.63

## EAVES TROUGH

### Galvanized

**Table Showing Net Prices per 100 Feet on Each Size at Various Discounts. Slip Joint Single Bead**

Sizes.....	3 in.	3½ in.	4 in.	4½ in.	5 in.	6 in.	7 in.
List Prices per 100 feet							
No. 29 Gauge.....	\$14.00	\$15.00	\$17.00	\$19.00	\$20.00	\$25.00	\$29.00
Discounts							
1 85-25 per cent	\$1.58	\$1.69	\$1.91	\$2.14	\$2.25	\$2.81	\$3.26
2 85-20-5 "	1.60	1.71	1.94	2.17	2.28	2.85	3.31
3 85-10-10-5 "	1.62	1.73	1.96	2.20	2.31	2.89	3.35
4 85-20-2½ "	1.64	1.76	1.99	2.22	2.34	2.93	3.39
5 85-10-10-2½ "	1.66	1.78	2.01	2.25	2.37	2.96	3.44
6 85-20 "	1.68	1.80	2.04	2.28	2.40	3.00	3.48
7 85-10-10 "	1.70	1.82	2.07	2.31	2.43	3.04	3.52
8 85-10-7½ "	1.75	1.87	2.12	2.37	2.50	3.12	3.62
9 85-10-5 "	1.80	1.92	2.18	2.44	2.57	3.21	3.72
10 85-10 "	1.89	2.03	2.30	2.57	2.70	3.38	3.92
11 85-7½ "	1.94	2.08	2.36	2.64	2.78	3.47	4.02
12 80-25-5 "	1.99	2.14	2.42	2.71	2.85	3.56	4.13
13 85-5 "	1.99	2.14	2.42	2.71	2.85	3.56	4.13
14 80-10-10-10 "	2.04	2.19	2.47	2.77	2.92	3.65	4.23
15 80-20-5-2½ "	2.08	2.22	2.52	2.82	2.96	3.71	4.30
16 80-25 "	2.10	2.25	2.55	2.85	3.00	3.75	4.35
17 85 "	2.10	2.25	2.55	2.85	3.00	3.75	4.35
18 80-20-5 "	2.13	2.28	2.58	2.89	3.04	3.80	4.41
19 80-10-10-5 "	2.16	2.31	2.61	2.93	3.08	3.85	4.46
20 80-10-10-2½ "	2.21	2.37	2.68	3.00	3.16	3.95	4.58
21 80-20 "	2.24	2.40	2.72	3.04	3.20	4.00	4.64
22 80-10-10 "	2.27	2.43	2.75	3.08	3.24	4.05	4.70
23 80-10-5-2½ "	2.33	2.50	2.84	3.17	3.33	4.17	4.84
24 80-10-5 "	2.39	2.56	2.91	3.25	3.42	4.28	4.96
25 80-10-2½ "	2.46	2.63	2.98	3.33	3.51	4.39	5.09
26 80-10 "	2.52	2.70	3.06	3.42	2.60	4.50	5.22
27 80-5-2½ "	2.59	2.78	3.15	3.52	3.70	4.63	5.37
28 80-5 "	2.66	2.85	3.23	3.61	3.80	4.75	5.51
29 80-2½ "	2.73	2.92	3.31	3.70	3.90	4.88	5.66
30 80 "	2.80	3.00	3.40	3.80	4.00	5.00	5.80
31 75-10-10 "	2.83	3.03	3.44	3.84	4.05	5.06	5.87
32 75-10-5-2½ "	2.92	3.12	3.54	3.96	4.16	5.21	6.04
33 75-15 "	2.98	3.19	3.61	4.04	4.25	5.31	6.16
34 75-10-5 "	2.99	3.20	3.63	4.06	4.27	5.34	6.20
35 75-12½ "	3.06	3.28	3.72	4.16	4.37	5.47	6.34
36 75-10-2½ "	3.07	3.29	3.72	4.16	4.39	5.48	6.31
37 75-10 "	3.15	3.37	3.82	4.27	4.50	5.63	6.53
38 75-7½ "	3.24	3.47	3.93	4.39	4.62	5.78	6.71
39 75-5-2½ "	3.24	3.47	3.94	4.40	4.63	5.79	6.72
40 75-5 "	3.32	3.56	4.04	4.51	4.75	5.94	6.89
41 75-2½ "	3.41	3.66	4.14	4.63	4.87	6.09	7.07
42 75 "	3.50	3.75	4.25	4.75	5.00	6.25	7.25
43 70-15 "	3.57	3.83	4.34	4.85	5.10	6.38	7.40
44 60-25-15 "	3.57	3.83	4.34	4.85	5.10	6.38	7.40
45 70-12½ "	3.67	3.94	4.46	4.99	5.25	6.56	7.61
46 60-25-12½ "	3.67	3.94	4.46	4.99	5.25	6.56	7.61
47 70-10 "	3.78	4.05	4.59	5.13	5.40	6.75	7.83
48 60-25-10 "	3.78	4.05	4.59	5.13	5.40	6.75	7.83
49 70-7½ "	3.88	4.16	4.72	5.27	5.55	6.94	8.05
50 70-5 "	3.99	4.27	4.84	5.41	5.70	7.13	8.27
51 60-25-5 "	3.99	4.27	4.84	5.41	5.70	7.13	8.27
52 70-2½ "	4.09	4.39	4.97	5.56	5.85	7.31	8.48
53 60-25-2½ "	4.09	4.39	4.97	5.56	5.85	7.31	8.48
54 70 "	4.20	4.50	5.10	5.70	6.00	7.50	8.70
55 60-20-5 "	4.26	4.56	5.17	5.78	6.08	7.60	8.82
56 60-22½ "	4.34	4.65	5.27	5.89	6.20	7.75	8.90
57 60-20-2½ "	4.37	4.68	5.30	5.93	6.24	7.80	9.05
58 60-20 "	4.48	4.80	5.44	6.08	6.40	8.00	9.28
59 60-17½ "	4.62	4.95	5.61	6.27	6.60	8.25	9.57
60 60-15 "	4.76	5.10	5.78	6.46	6.80	8.50	9.86
61 60-12½ "	4.90	5.25	5.95	6.65	7.00	8.75	10.15
62 60-10-2½ "	4.91	5.26	5.97	6.67	7.02	8.78	10.18
63 60-10 "	5.04	5.40	6.12	6.84	7.20	9.00	10.44
64 60-7½ "	5.18	5.55	6.29	7.03	7.40	9.25	10.73
65 60-5 "	5.32	5.70	6.46	7.22	7.60	9.50	11.02
66 60-2½ "	5.46	5.85	6.63	7.41	7.80	9.75	11.31
67 60 "	5.60	6.00	6.80	7.60	8.00	10.00	11.60

## CONDUCTOR PIPE

Formed from Galvanized Open Hearth Steel, ARMCO Ingot Iron, Copper or Horse Head Zinc.



### PLAIN ROUND PIPE

Ounces  
Per Sq.

Gauge	Foot	Sizes	.1½ in.	2 in.	2½ in.	3 in.	3½ in.	4 in.	5 in.	6 in.	
29	11½	List	.....	\$0.11	\$0.13	\$0.14	\$0.15	\$0.18	\$0.20	\$0.25	\$0.30
28	12½	List	.....	.13	.15	.16	.17	.20	.23	.28	.33
26	14½	List	.....	.....	.19	.20	.21	.24	.28	.34	.40
24	18½	List	.....	.....	.....	.....	.27	.31	.35	.44	.52



### ROUND CORRUGATED PIPE

Ounces  
Per Sq.

Gauge	Foot	Sizes	2 in.	3 in.	4 in.	5 in.	6 in.			
29	11½	List	.....	\$0.13	\$0.15	\$0.20	\$0.25	\$0.30		
28	12½	List	.....	.....	.15	.17	.23	.28	.33	
26	14½	List	.....	.....	.....	.19	.21	.28	.34	.40
24	18½	List	.....	.....	.....	.....	.27	.35	.44	.52



### SQUARE CORRUGATED PIPE

Ounces  
Per Sq.

Gauge	Foot	Sizes	1¾ x 2¼ in.	2⅝ x 3⅓ in.	2¾ x 4⅓ in.	3¾ x 5 in.	
Gauge	Foot	Corresponding to Round	2 in.	3 in.	4 in.	5 in.	
29	11½	List	.....	\$0.15	\$0.17	\$0.22	\$0.27
28	12½	List	.....	.17	.19	.25	.30
26	14½	List	.....	.21	.23	.30	.36
24	18½	List	.....	.....	.29	.37	.46

## GALVANIZED CONDUCTOR PIPE

Table Showing Net Prices per 100 Feet on Each Size at Various Discounts. Using Plain Round and Round Corrugated Lists

SIZES	1 1/2 in.	2 in.	2 1/2 in.	3 in.	3 1/2 in.	4 in.	5 in.	6 in.
29 Gauge, List.....	\$11.00	\$13.00	\$14.00	\$15.00	\$18.00	\$20.00	\$25.00	\$30.00
80-10-10-10-10% .....	1.44	1.70	1.83	1.96	2.36	2.62	3.28	3.93
80-10-10-10-7 1/2 .....	1.48	1.76	1.89	2.02	2.42	2.67	3.34	4.01
85-10.....	1.49	1.76	1.89	2.03	2.43	2.70	3.38	4.05
80-10-10-10-5.....	1.52	1.80	1.94	2.08	2.49	2.77	3.46	4.15
80-10-10-10-2 1/2 .....	1.56	1.83	1.99	2.13	2.55	2.84	3.54	4.25
80-25-5 or 85-5.....	1.57	1.85	2.00	2.14	2.57	2.85	3.56	4.27
80-10-10-10.....	1.60	1.90	2.04	2.19	2.62	2.92	3.64	4.37
80-25.....	1.65	1.95	2.10	2.25	2.70	3.00	3.75	4.50
80-20-5.....	1.67	1.98	2.13	2.28	2.74	3.04	3.80	4.56
80-10-10-5.....	1.69	2.00	2.16	2.31	2.78	3.08	3.85	4.62
80-10-10-2 1/2 .....	1.74	2.06	2.22	2.37	2.85	3.16	3.95	4.74
80-10-10.....	1.78	2.11	2.27	2.43	2.92	3.24	4.05	4.86
80-10-7 1/2 .....	1.83	2.17	2.33	2.50	3.00	3.33	4.17	5.00
80-10-5.....	1.88	2.23	2.40	2.57	3.08	3.42	4.28	5.13
80-10-2 1/2 .....	1.93	2.28	2.46	2.64	3.16	3.51	4.39	5.27
80-10.....	1.98	2.34	2.52	2.70	3.24	3.60	4.50	5.40
80-7 1/2 .....	2.04	2.40	2.59	2.78	3.33	3.70	4.63	5.55
80-5.....	2.09	2.47	2.66	2.85	3.42	3.80	4.75	5.70
80-2 1/2 .....	2.15	2.54	2.73	2.93	3.51	3.90	4.88	5.85
80.....	2.20	2.60	2.80	3.00	3.60	4.00	5.00	6.00
75-10-10.....	2.23	2.63	2.84	3.03	3.65	4.05	5.06	6.07
75-10-5-2 1/2 .....	2.29	2.70	2.93	3.12	3.76	4.16	5.21	6.25
75-15.....	2.34	2.76	2.98	3.19	3.82	4.25	5.31	6.38
75-10-5.....	2.35	2.77	3.00	3.20	3.85	4.27	5.34	6.41
75-12 1/2 .....	2.41	2.84	3.07	3.28	3.94	4.37	5.47	6.56
75-10-2 1/2 .....	2.41	2.85	3.08	3.29	3.96	4.39	5.48	6.58
75-10.....	2.48	2.92	3.15	3.37	4.05	4.50	5.62	6.75
75-7 1/2 .....	2.54	3.01	3.25	3.47	4.17	4.62	5.78	6.94
75-5-2 1/2 .....	2.55	3.01	3.25	3.47	4.18	4.63	5.79	6.95
75-5.....	2.61	3.09	3.33	3.56	4.27	4.75	5.94	7.12
75-2 1/2 .....	2.68	3.17	3.42	3.66	4.39	4.87	6.09	7.31
75.....	2.75	3.25	3.50	3.75	4.50	5.00	6.25	7.50
70-15.....	2.81	3.31	3.57	3.83	4.59	5.10	6.38	7.65
60-25-15.....	2.81	3.32	3.57	3.83	4.59	5.10	6.38	7.65
70-12 1/2 .....	2.89	3.41	3.68	3.94	4.73	5.25	6.56	7.87
60-25-12 1/2 .....	2.89	3.41	3.68	3.94	4.73	5.25	6.56	7.87
70-10.....	2.97	3.51	3.78	4.05	4.86	5.40	6.75	8.10
60-25-10.....	2.97	3.51	3.78	4.05	4.86	5.40	6.75	8.10
70-7 1/2 .....	3.05	3.61	3.88	4.16	5.00	5.55	6.94	8.32
70-5.....	3.14	3.70	3.99	4.27	5.13	5.70	7.12	8.55
60-25-5.....	3.14	3.70	3.99	4.27	5.13	5.70	7.12	8.55
70-2 1/2 .....	3.22	3.80	4.10	4.39	5.27	5.85	7.31	8.77
60-25-2 1/2 .....	3.22	3.80	4.10	4.39	5.27	5.85	7.31	8.77
70.....	3.30	3.90	4.20	4.50	5.40	6.00	7.50	9.00
60-20-5.....	3.34	3.95	4.26	4.56	5.48	6.08	7.60	9.12
60-20-2 1/2 .....	3.43	4.06	4.37	4.68	5.62	6.24	7.80	9.36
60-20.....	3.52	4.16	4.48	4.80	5.76	6.40	8.00	9.60
60-15.....	3.74	4.42	4.76	5.10	6.12	6.80	8.50	10.20
60-12 1/2 .....	3.85	4.55	4.90	5.25	6.30	7.00	8.75	10.50
60-10-2 1/2 .....	3.86	4.56	4.92	5.26	6.32	7.02	8.77	10.53
60-10.....	3.96	4.68	5.04	5.40	6.48	7.20	9.00	10.80
60-7 1/2 .....	4.07	4.81	5.18	5.55	6.66	7.40	9.25	11.10
60-5.....	4.18	4.94	5.32	5.70	6.84	7.60	9.50	11.40
60-2 1/2 .....	4.29	5.07	5.46	5.85	7.02	7.80	9.75	11.70
60.....	4.40	5.20	5.60	6.00	7.20	8.00	10.00	12.00

### PLAIN RIDGE ROLL

Formed from Galvanized Open Hearth Steel, ARMCO Ingot Iron, Copper or Horse Head Zinc.



Made in 8 and 10-foot lengths.

#### List Prices per Foot

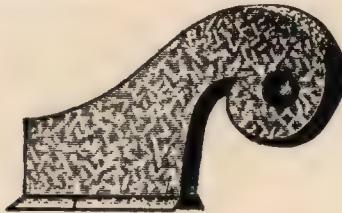
Size of rolls . . . . .	1 in.	1 1/4 in.	1 1/2 in.	2 in.	2 1/2 in.	3 in.
Size of Aprons . . . . .	1 1/2 in.	1 3/4 in.	2 in.	2 1/2 in.	3 in.	3 1/2 in
Girths . . . . .	6 in.	7 in.	8 in.	10 in.	12 in.	14 in.
29 gauge, . . . . .	13c	14c	16c	19c	23c	28c
28 gauge, . . . . .	15c	16c	18c	21c	25c	30c
26 gauge, . . . . .	19c	20c	22c	25c	29c	34c
24 gauge, . . . . .	25c	26c	28c	31c	35c	40c

### GALVANIZED BLOCK FINIALS

For Use With Ridge Roll



No. 19



No. 20

For Ridge Roll—1 1/4, 1 1/2, 2 and 2 1/2 inches.

### V ANGLE RIDGE CAP

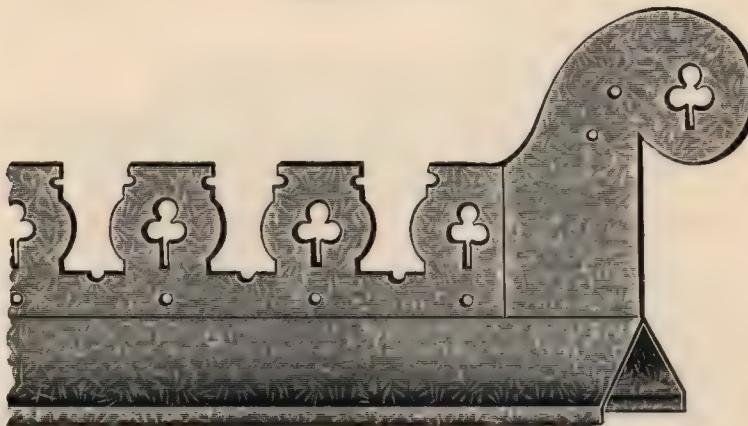


Made in 8 and 10-foot lengths.

Girths: 7, 8, 10, 12 and 14 inches

List prices same as Plain Ridge Roll.

## **CRESTINGS**

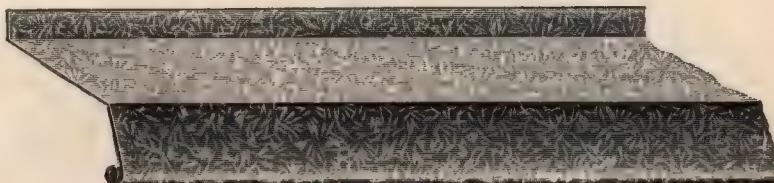


### **CLOVER LEAF CRESTING WITH SCROLLS**

Made from Galvanized Steel or ARMCO Ingot Iron.

Can also furnish with Block Finials.

Sizes: 8 and 10-inch heights, 5-foot lengths.



### **GALVANIZED BARN DOOR TRACK COVER**

10-inch Girth, 10-foot Lengths.

Can furnish any special size.



### **GALVANIZED STARTERS**

**For use with Asphalt Shingles**

6-inch Girth, 10-foot Lengths.

## GALVANIZED VALLEY

Formed from Galvanized Open Hearth Steel, ARMCO Ingot Iron, Copper or Horse Head Zinc.



Slater's Valley



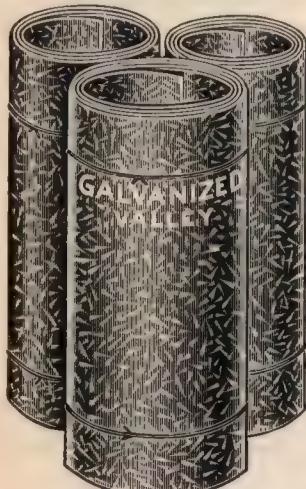
Style A



Style B

### List Price per Lineal Foot (10-foot lengths)

Girths, inches...	12	14	18	20	24	28	30
29 Gauge.....	\$0.15	\$0.17½	\$0.23	\$0.25	\$0.30	\$0.35	\$0.37
28 Gauge.....	.17	.19½	.25	.27	.32	.37	.39
27 Gauge.....	.19	.21½	.27	.29	.34	.39	.41
26 Gauge.....	.21	.23½	.29	.31	.36	.41	.43



Formed from Galvanized Open Hearth Steel and ARMCO Ingot Iron, in the following sizes:

10, 12, 14, 16 and 20-inch widths.

Nos. 29, 28 and 26 Gauge.

Put up in Rolls, 50 lineal feet.

## GALVANIZED CONTINUOUS HIP SHINGLE AND STARTER



5-inch Girth. Made in 5 and 10-foot lengths.

## GALVANIZED COMB AND SIDE RAIN PROOFS



Sizes: 5, 6 and 7 inches. Regular Comb Proofs made for half pitch roofs. Side Proofs for quarter pitch roofs.

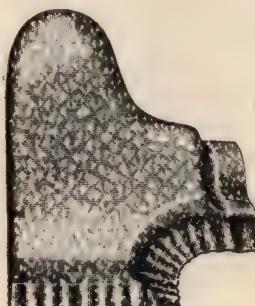


Sizes: 5, 6 and 7 inches. Flange, 18x18 inches. Side Proofs for quarter pitch roofs.

## GALVANIZED CONTINUOUS ORNAMENTAL RIDGING



8-inch Girth, 10-foot Lengths.



Gable Finial No. 10  
Height 7½ inches.



Hip Finial No. 11  
Height 7½ inches.

## CORNER SHIELDS

For use with 4-inch and 6-inch wood weatherboard 'siding. Made from tight, coated galvanized sheets. Nail holes punched. Packed 500 of a kind (either for inner corner or outer corner) to a box.



Stock Sizes:  
4 and 6-inch.

Showing applica-  
tion of Inner  
Shield.



Inner Corner  
Shield.

Metal Corner Shields are in much favor with carpenters and contractors, because of the saving in time and labor consumed in mitering the weatherboard. By using Metal Corner Shields this work is unnecessary.

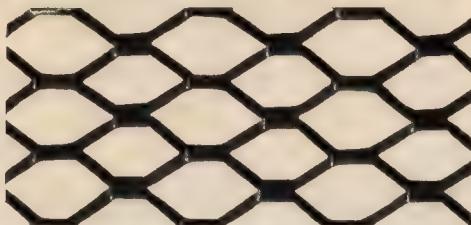


Outer Corner  
Shield.

Stock Sizes:  
4 and 6-inch.  
Showing applica-  
tion of Outer  
Shield.



## EXPANDED METAL LATH



Mahoning Metal Lath



Zee Metal Lath (Much Reduced)



We carry a large stock of No. 26 and No. 24 Painted Expanded Lath. Mahoning Metal Lath is flat, Zee Metal Lath is shelf furring.

By making prompt direct shipment from factory, we can also furnish Galvanized (coated before forming) Expanded Metal Lath.

## Table of Sizes

Style	Size of Sheets, Inches	Weight per Sq. Yd.	Sheets per Bundle	Yards per Bundle
No. 26 . . . . .	24x96	2.2 lbs.	9	16
No. 24 . . . . .	24x96	2.75 lbs.	9	16

GALVANIZED METAL CORNER BEAD  
Inside or Outside

Stock Lengths: 7, 8, 9 and 10 feet.  
WALL TIES—GALVANIZED



Size,  $\frac{7}{8}$ x7 inches.

Furnished in Galvanized Corrugated, Standard and Veneer.

Approximate shipping weight, 45 pounds. Put up in boxes containing 1000 each.

## EAVES TROUGH MITERS

Formed from Galvanized Open Hearth Steel, ARMCO Ingot Iron, Copper or Horse Head Zinc.



Outside Corner Lap



Outside Corner Slip



Inside Lap



Inside Slip

When ordering, specify whether Single or Double Bead, whether inside or outside (and whether right or left-hand, when ordering Slip Joint), otherwise half of each, Single Bead, will be shipped. State whether Slip or Lap Joint is desired.

## ONE-PIECE, SINGLE BEAD, LAP JOINT, PER DOZEN

Size, inches.....	3½	4	4½	5	6	7	8
29 Gauge.....	\$3.25	\$3.50	\$4.00	\$4.00	\$5.00	\$6.50	\$8.00
26 Gauge.....	4.00	4.25	4.75	4.75	6.00	8.00	9.50
24 Gauge.....	4.75	5.50	6.50	6.50	7.50	9.00	11.00

## ONE-PIECE, SINGLE BEAD, SLIP JOINT, PER DOZEN

Size, Inches.....	½	4	4½	5	6	7	8
29 Gauge.....	\$4.25	\$4.50	\$5.00	\$5.00	\$6.00	\$7.50	\$9.00
26 Gauge.....	5.00	5.25	5.75	5.75	7.00	9.00	10.50
24 Gauge.....	5.75	6.50	7.50	7.50	8.50	10.00	12.00

## ONE-PIECE, DOUBLE BEAD, LAP JOINT, PER DOZEN

Size, Inches.....	3½	4	4½	5	6	7	8
29 Gauge.....	\$4.25	\$4.50	\$5.00	\$5.00	\$6.00	\$7.50	\$9.00
26 Gauge.....	5.00	5.25	5.75	5.75	7.00	9.00	10.50
24 Gauge.....	5.75	6.50	7.50	7.50	8.50	10.00	12.00

## ONE-PIECE, DOUBLE BEAD, SLIP JOINT, PER DOZEN

Size, Inches.....	3½	4	4½	5	6	7	8
29 Gauge.....	\$5.25	\$5.50	\$6.00	\$6.00	\$7.00	\$8.50	\$10.00
26 Gauge.....	6.00	6.25	6.75	6.75	8.00	10.00	11.50
24 Gauge.....	6.75	7.50	8.50	8.50	9.50	11.00	13.00

One-piece Miters are carried in stock only in 29 gauge and 26 Gauge Steel, and 28 gauge and 26 gauge ARMCO Ingot Iron. For 28 gauge ARMCO Ingot Iron Miters the 29 gauge Steel List applies.

## GUTTER END SECTIONS, SLIP ENDS AND TUBES

Formed from Galvanized Open Hearth Steel, ARMCO Ingot Iron, Copper or Horse Head Zinc.



End Piece With Outlet



End Cap



Outlet



Slip Connection

## END PIECES WITH OUTLETS ATTACHED, SINGLE BEAD

Size, Inches.....	3	3½	4	4½	5	6	7	8
Per dozen.....	\$2.50	\$2.50	\$2.70	\$3.00	\$3.00	\$3.60	\$4.00	\$4.20

## END PIECES WITH OUTLETS ATTACHED, DOUBLE BEAD

Size, Inches.....	3	3½	4	4½	5	6	7	8
Per dozen.....	\$3.10	\$3.10	\$3.30	\$3.60	\$3.60	\$4.30	\$4.75	\$5.00

## OUTLETS ONLY

Size, Inches.....	2	2½	3	3½	4	4½	5	6
Per dozen.....	\$0.80	\$0.90	\$1.00	\$1.10	\$1.20	\$1.30	\$1.30	\$1.60

## SLIP JOINT END CAP OR CONNECTION ONLY

Size, Inches.....	3	3½	4	4½	5	6	7	8
Per dozen.....	\$1.30	\$1.30	\$1.50	\$1.60	\$1.60	\$1.90	\$2.30	\$2.80

Odd girths, not specified, take list of next higher girth.

Galvanized Steel will be shipped unless Galvanized ARMCO Ingot is ordered.

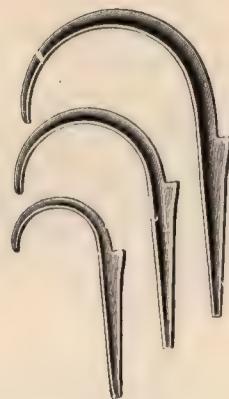
## PLAIN SICKLE HOOKS



Wood—Malleable



Wrought



Brick—Malleable



Wood



Brick



Brick



Wood

Plain Round Hinged Hooks

Round Corrugated Hinged Hooks



Square Wired Hooks



Round Wired Hooks

We carry a large stock, well-assorted, and can furnish hooks for any standard size conductor pipe.

## IWAN CONDUCTOR PIPE HANGERS

Made of Galvanized Steel Wire

Size inches	List Price per 100	Gauge of Wire Used	Quan- tity in Box	Weight per Box
2.....	\$2.00	12	100	4 lbs.
2½.....	2.25	12	100	4 lbs.
3.....	2.50	11	50	3 lbs.
4.....	3.00	10	50	5 lbs.
5.....	3.50	9	25	4 lbs.
6.....	4.00	8	25	6 lbs.



The weights given are for Parcel Post purposes.

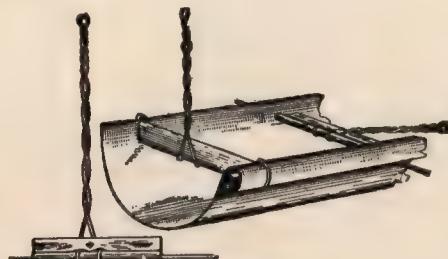
## EAVES TROUGH HANGERS

List Prices per Gross



Triple Twist Wire

Size inches	Single Bead	Double Bead
3.....	\$2.75	\$3.00
3½.....	2.75	3.00
4.....	2.75	3.00
4½.....	3.00	3.25
5.....	3.00	3.25
6.....	3.50	3.75
7.....	4.00	4.25
8.....	4.50	4.75



Horan

Sizes: 4, 5, 6, 7 and 8 inches.



## MALLEABLE IRON PUNCH

Horan Punch

A Convenience for Adjusting Hanger

## DIECKMANN ELBOWS

## GALVANIZED PLAIN ROUND ELBOWS AND SHOES



No. 1—45 Degree

Shoe—75 Degree

## GALVANIZED ROUND CORRUGATED ELBOWS AND SHOES

No. 2—60 Degree

No. 3—75 Degree

## No. 4—90 Degree

No. 5—105 Degree

No. 6—120 Degree

No. 7—135 Degree

No. 8—150 Degree

No. 9—165 Degree

No. 10—180 Degree

No. 11—195 Degree

No. 12—210 Degree

No. 13—225 Degree

No. 14—240 Degree

No. 15—255 Degree

No. 16—270 Degree

No. 17—285 Degree

No. 18—300 Degree

No. 19—315 Degree

No. 20—330 Degree

No. 21—345 Degree

No. 22—360 Degree

No. 23—375 Degree

No. 24—390 Degree

No. 25—405 Degree

No. 26—420 Degree

No. 27—435 Degree

No. 28—450 Degree

No. 29—465 Degree

No. 30—480 Degree

No. 31—495 Degree

No. 32—510 Degree

No. 33—525 Degree

No. 34—540 Degree

No. 35—555 Degree

No. 36—570 Degree

No. 37—585 Degree

No. 38—600 Degree

No. 39—615 Degree

No. 40—630 Degree

No. 41—645 Degree

No. 42—660 Degree

No. 43—675 Degree

No. 44—690 Degree

No. 45—705 Degree

No. 46—720 Degree

No. 47—735 Degree

No. 48—750 Degree

No. 49—765 Degree

No. 50—780 Degree

No. 51—795 Degree

No. 52—810 Degree

No. 53—825 Degree

No. 54—840 Degree

No. 55—855 Degree

No. 56—870 Degree

No. 57—885 Degree

No. 58—900 Degree

No. 59—915 Degree

No. 60—930 Degree

No. 61—945 Degree

No. 62—960 Degree

No. 63—975 Degree

No. 64—990 Degree

No. 65—1005 Degree

No. 66—1020 Degree

No. 67—1035 Degree

No. 68—1050 Degree

No. 69—1065 Degree

No. 70—1080 Degree

No. 71—1095 Degree

No. 72—1110 Degree

No. 73—1125 Degree

No. 74—1140 Degree

No. 75—1155 Degree

No. 76—1170 Degree

No. 77—1185 Degree

No. 78—1200 Degree

No. 79—1215 Degree

No. 80—1230 Degree

No. 81—1245 Degree

No. 82—1260 Degree

No. 83—1275 Degree

No. 84—1290 Degree

No. 85—1305 Degree

No. 86—1320 Degree

No. 87—1335 Degree

No. 88—1350 Degree

No. 89—1365 Degree

No. 90—1380 Degree

No. 91—1395 Degree

No. 92—1410 Degree

No. 93—1425 Degree

No. 94—1440 Degree

No. 95—1455 Degree

No. 96—1470 Degree

No. 97—1485 Degree

No. 98—1500 Degree

No. 99—1515 Degree

No. 100—1530 Degree

No. 101—1545 Degree

No. 102—1560 Degree

No. 103—1575 Degree

No. 104—1590 Degree

No. 105—1605 Degree

No. 106—1620 Degree

No. 107—1635 Degree

No. 108—1650 Degree

No. 109—1665 Degree

No. 110—1680 Degree

No. 111—1695 Degree

No. 112—1710 Degree

No. 113—1725 Degree

No. 114—1740 Degree

No. 115—1755 Degree

No. 116—1770 Degree

No. 117—1785 Degree

No. 118—1800 Degree

No. 119—1815 Degree

No. 120—1830 Degree

No. 121—1845 Degree

No. 122—1860 Degree

No. 123—1875 Degree

No. 124—1890 Degree

No. 125—1905 Degree

No. 126—1920 Degree

No. 127—1935 Degree

No. 128—1950 Degree

No. 129—1965 Degree

No. 130—1980 Degree

No. 131—1995 Degree

No. 132—2010 Degree

No. 133—2025 Degree

No. 134—2040 Degree

No. 135—2055 Degree

No. 136—2070 Degree

No. 137—2085 Degree

No. 138—2100 Degree

No. 139—2115 Degree

No. 140—2130 Degree

No. 141—2145 Degree

No. 142—2160 Degree

No. 143—2175 Degree

No. 144—2190 Degree

No. 145—2205 Degree

No. 146—2220 Degree

No. 147—2235 Degree

No. 148—2250 Degree

No. 149—2265 Degree

No. 150—2280 Degree

No. 151—2295 Degree

No. 152—2310 Degree

No. 153—2325 Degree

No. 154—2340 Degree

No. 155—2355 Degree

No. 156—2370 Degree

No. 157—2385 Degree

No. 158—2400 Degree

No. 159—2415 Degree

No. 160—2430 Degree

No. 161—2445 Degree

No. 162—2460 Degree

No. 163—2475 Degree

No. 164—2490 Degree

No. 165—2505 Degree

No. 166—2520 Degree

No. 167—2535 Degree

No. 168—2550 Degree

No. 169—2565 Degree

No. 170—2580 Degree

No. 171—2595 Degree

No. 172—2610 Degree

No. 173—2625 Degree

No. 174—2640 Degree

No. 175—2655 Degree

No. 176—2670 Degree

No. 177—2685 Degree

No. 178—2700 Degree

No. 179—2715 Degree

No. 180—2730 Degree

No. 181—2745 Degree

No. 182—2760 Degree

No. 183—2775 Degree

No. 184—2790 Degree

No. 185—2805 Degree

No. 186—2820 Degree

No. 187—2835 Degree

No. 188—2850 Degree

No. 189—2865 Degree

No. 190—2880 Degree

No. 191—2895 Degree

No. 192—2910 Degree

No. 193—2925 Degree

No. 194—2940 Degree

No. 195—2955 Degree

No. 196—2970 Degree

No. 197—2985 Degree

No. 198—2900 Degree

No. 199—2915 Degree

No. 200—2930 Degree

No. 201—2945 Degree

No. 202—2960 Degree

No. 203—2975 Degree

No. 204—2990 Degree

No. 205—3005 Degree

No. 206—3020 Degree

No. 207—3035 Degree

No. 208—3050 Degree

No. 209—3065 Degree

No. 210—3080 Degree

No. 211—3095 Degree

No. 212—3110 Degree

No. 213—3125 Degree

No. 214—3140 Degree

No. 215—3155 Degree

No. 216—3170 Degree

No. 217—3185 Degree

No. 218—3200 Degree

No. 219—3215 Degree

No. 220—3230 Degree

No. 221—3245 Degree

No. 222—3260 Degree

No. 223—3275 Degree

No. 224—3290 Degree

No. 225—3305 Degree

No. 226—3320 Degree

No. 227—3335 Degree

No. 228—3350 Degree

No. 229—3365 Degree

No. 230—3380 Degree

No. 231—3395 Degree

No. 232—3410 Degree

No. 233—3425 Degree

No. 234—3440 Degree

No. 235—3455 Degree

No. 236—3470 Degree

No. 237—3485 Degree

No. 238—3500 Degree

No. 239—3515 Degree

No. 240—3530 Degree

No. 241—3545 Degree

No. 242—3560 Degree

No. 243—3575 Degree

No. 244—3590 Degree

No. 245—3605 Degree

No. 246—3620 Degree

No. 247—3635 Degree

No. 248—3650 Degree

No. 249—3665 Degree

No. 250—3680 Degree

No. 251—3695 Degree

No. 252—3710 Degree

No. 253—3725 Degree

No. 254—3740 Degree

No. 255—3755 Degree

No. 256—3770 Degree

No. 257—3785 Degree

No. 258—3800 Degree

No. 259—3815 Degree

No. 260—3830 Degree

No. 261—3845 Degree

No. 262—3860 Degree

No. 263—3875 Degree

No. 264—3890 Degree

No. 265—3905 Degree

No. 266—3920 Degree

No. 267—3935 Degree

No. 268—3950 Degree

No. 269—3965 Degree

No. 270—3980 Degree

No. 271—3995 Degree

No. 272—4010 Degree

No. 273—4025 Degree

No. 274—4040 Degree

No. 275—4055 Degree

No. 276—4070 Degree

No. 277—4085 Degree

No. 278—4100 Degree

No. 279—4115 Degree

No. 280—4130 Degree

No. 281—4145 Degree

No. 282—4160 Degree

No. 283—4175 Degree

No. 284—4190 Degree

No. 285—4205 Degree

No. 286—4220 Degree

No. 287—4235 Degree

No. 288—4250 Degree

No. 289—4265 Degree

No. 290—4280 Degree

No. 291—4295 Degree

No. 292—4310 Degree

No. 293—4325 Degree

No. 294—4340 Degree

No. 295—4355 Degree

No. 296—4370 Degree

No. 297—4385 Degree

No. 298—4400 Degree

## DIECKMANN ELBOWS

## GALVANIZED SQUARE CORRUGATED ELBOWS AND SHOES—STYLE A



No. 1-A



No. 2-A



No. 3-A



No. 4-A



A-Shoe



B-Shoe

## GALVANIZED SQUARE CORRUGATED ELBOWS AND SHOES—STYLE B

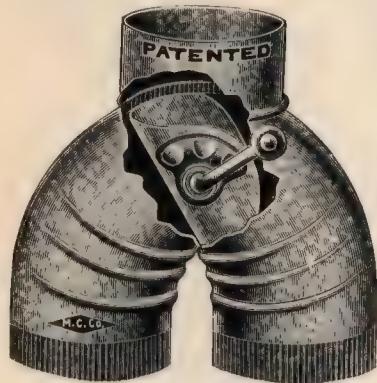


No. 1-B  
When ordering Square Elbows state whether Style A or B is wanted. Always be sure to state what number or degree angle.  
Standard List Prices—Square Corrugated

Size Inches	Galvanized Steel				ARMCO Ingot Iron				16-oz. Copper or No. 11 Zinc			
	Elbows		Shoes		Elbows		Shoes		Elbows		Shoes	
	Piece	Dozen	Piece	Dozen	Piece	Dozen	Piece	Dozen	Piece	Piece	Piece	Piece
2.....	\$ 0.40	\$ 4.80	\$ 0.50	\$ 6.00	\$ 0.60	\$ 7.20	\$ 0.75	\$ 9.00	\$ 0.85	\$ 0.90	\$ 0.90	\$ 1.05
3.....	.50	6.00	.60	.72	.70	.84	.85	.90	.10	.110	.120	.135
4.....	.65	7.80	.80	.96	.90	10.80	1.10	13.20	1.60	1.80	1.80	2.00
5.....	1.00	12.00	1.25	15.00	1.35	16.20	1.60	19.20	2.40	2.75	2.75	3.00

## CUTOFFS

Formed from Galvanized Open Hearth Steel, ARMCO Ingot Iron, Copper or Horse Head Zinc.

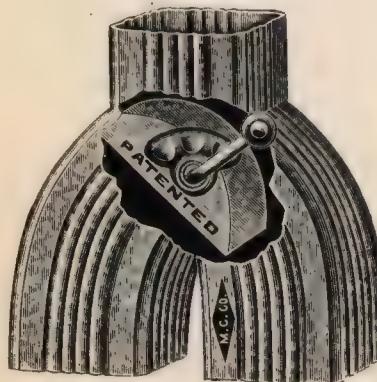


Plain Round Cutoffs

Stock Sizes	List, Dozen
2 inches.....	\$ 7.00
3 inches.....	8.00
3½ inches.....	11.00
4 inches.....	11.00
5 inches.....	20.00
6 inches.....	24.00



Corrugated Round Cutoffs



Corrugated Square Cutoffs

Stock Sizes	List, Dozen
2 inches.....	\$ 8.00
3 inches.....	10.00
4 inches.....	14.00
5 inches.....	24.00

## WIRE STRAINERS



Galvanized wire and Solid Copper wire tinned.  
Sizes: 2, 3, 4, 5 and 6 inches.



## COMBINATION STRAINER AND CUT-OFFS

Plain or Corrugated. Sizes: 3 and 4 inches.

List, \$11.00 and \$12.00

Formed from Galvanized Open Hearth Steel, ARMCO Ingot Iron, Copper or Horse Head Zinc.

### CONDUCTOR FUNNEL

Stock Sizes:

3-inch	5-inch
4-inch	6-inch



No. 650

### CONDUCTOR HEAD

For Round or Square. Can furnish for any regular or special size.



No. 660

### CONDUCTOR HEAD

For Round or Square. Can furnish for any regular or special size.

We can also furnish many special designs.

**“UNIVERSAL” CAST IRON CONDUCTOR  
CONNECTIONS AND BOOTS**

Patent Pending



**Price List—All 4 1/2 feet long**

No. H & G, each

3-inch, \$4.35  
4-inch, 5.15  
5-inch, 6.25  
6-inch, 7.05

No. D & C, each

\$4.50  
5.60  
6.50  
7.60

No. F & E, each

\$5.00, 2 3/4 x 3 1/2 inside top  
6.00, 3 1/4 x 4 1/2 inside top  
7.60, 4 1/4 x 5 1/2 inside top  
8.45, 5 1/4 x 6 1/2 inside top

The sizes listed are the sizes of standard galvanized conductors that fit into these cast connections at bottom of tapered bell. There is  $\frac{1}{4}$ -inch clearance all around at the top of tapered bell.

No charge for Wall Brackets. 1 1/2 inches from wall regularly furnished. 2, 2 1/2 or 3 inches if required.

**HAMMOND'S ASBESTOS FIBRE ROOFING CEMENT  
AND ITS MANY ADVANTAGES**

Joining Roofs  
To Walls and  
Chimneys

Lining Old  
Worn Gutters

Mending  
Skylights

Waterproofing  
Basement Walls



Put up in 5, 10, 25, 50 and 100-pound packages.

## O. G. BOX AND ROOF GUTTERS

Can be furnished in any of the following styles or special designs, in Galvanized Open Hearth Steel, ARMCO Ingot Iron, Copper or Horse Head Zinc.



Style "A"

Girth.....	12	14	15	16	18	20	24
Size Bead.....	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{5}{8}$
Depth.....	2 $\frac{1}{4}$	2 $\frac{3}{4}$	3	3 $\frac{1}{4}$	3 $\frac{5}{8}$	4 $\frac{1}{8}$	4 $\frac{1}{2}$



Style "B"

Girth.....	12	14	15	16	18	20	24
Size Bead.....	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{5}{8}$
Depth.....	2 $\frac{1}{2}$	3	3 $\frac{3}{8}$	3 $\frac{5}{8}$	4	4 $\frac{1}{2}$	5 $\frac{1}{2}$



Style "AA"

Girth.....	12	14	15	16	18	20	24
Size Bead.....	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{5}{8}$
Depth.....	2 $\frac{1}{2}$	3	3 $\frac{1}{4}$	3 $\frac{1}{2}$	3 $\frac{7}{8}$	4 $\frac{1}{4}$	5



Style "BB"

Girth.....	12	14	15	16	18	20	24
Size Bead.....	$\frac{7}{8}$	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$
Depth.....	2 $\frac{1}{2}$	3	3 $\frac{3}{8}$	3 $\frac{5}{8}$	4 $\frac{1}{8}$	4 $\frac{1}{2}$	5 $\frac{1}{8}$

## ROOF AND BOX GUTTER HANGER



Can be used with practically all styles of Roof and Box Gutter.

## ROOF GUTTERS



Style "C"

Girth.....	10	12	14	16	18	20	24
Size Bead.....	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{5}{8}$
Size.....	5	6	7				8
Depth.....	$2\frac{3}{8}$	$2\frac{7}{8}$	$3\frac{1}{2}$				4



Style "D"

Girth.....	10	12	14	15	16	18	20	24
Size Bead.....	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{5}{8}$
Size.....	$3\frac{1}{4}$	$4\frac{1}{4}$	$5\frac{1}{4}$	$5\frac{1}{2}$	6	7	8	$9\frac{1}{2}$
Depth.....	$2\frac{3}{4}$	$3\frac{1}{4}$	4	$4\frac{1}{4}$	$4\frac{1}{2}$	5	$5\frac{1}{2}$	$6\frac{1}{2}$
Width Bottom.....	$2\frac{1}{4}$	$3\frac{1}{4}$	4	$4\frac{1}{4}$	$4\frac{1}{2}$	$5\frac{1}{4}$	6	7



Style "E"

Girth.....	10	12	14	15	16	18	20	24
Size Bead.....	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{5}{8}$
Size.....	$3\frac{1}{4}$	$4\frac{1}{4}$	$5\frac{1}{4}$	$5\frac{3}{4}$	$6\frac{1}{4}$	$6\frac{1}{2}$	$7\frac{1}{4}$	$8\frac{1}{2}$
Depth.....	$2\frac{1}{2}$	3	$3\frac{3}{4}$	4	$4\frac{1}{4}$	$4\frac{1}{2}$	$5\frac{1}{2}$	$6\frac{1}{2}$



Style "F"

Girth.....	10	12	14	15	16	18	20	24
Size Bead.....	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{5}{8}$
Size.....	3	4	5	$5\frac{1}{2}$	6	$6\frac{1}{4}$	7	8
Depth.....	$2\frac{1}{2}$	3	$3\frac{1}{2}$	$3\frac{3}{4}$	4	$4\frac{1}{2}$	$5\frac{1}{4}$	$6\frac{1}{4}$

## ROOF GUTTERS



Style "G"

Girth.....	10	12	14	15	16	18	20	24
Size Bead.....	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{5}{8}$
Size.....	$3\frac{1}{4}$	$4\frac{1}{2}$	$5\frac{1}{2}$	6	$6\frac{1}{2}$	$7\frac{1}{4}$	$7\frac{3}{4}$	9
Depth.....	$2\frac{1}{2}$	$3\frac{1}{8}$	$3\frac{3}{4}$	4	$4\frac{1}{4}$	$4\frac{5}{8}$	$5\frac{1}{4}$	$6\frac{1}{2}$



Style "H"

Girth.....	10	12	14	15	16	18	20	24
Size Bead.....	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{5}{8}$
Size.....	$3\frac{1}{4}$	$4\frac{1}{2}$	$5\frac{1}{2}$	6	$6\frac{1}{2}$	$7\frac{1}{4}$	$7\frac{3}{4}$	9
Depth.....	$2\frac{5}{8}$	$3\frac{3}{8}$	$3\frac{3}{4}$	4	$4\frac{1}{4}$	$4\frac{3}{4}$	$5\frac{1}{2}$	$6\frac{3}{4}$



Style "J"

Girth.....	10	12	14	15	16	18	20	24
Size Bead.....	$\frac{3}{4}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$
Size.....	4	5	$5\frac{1}{2}$	6	$6\frac{1}{2}$	$7\frac{1}{4}$	8	10
Depth.....	3	$3\frac{3}{4}$	4	$4\frac{3}{4}$	5	$5\frac{1}{2}$	$6\frac{1}{4}$	$7\frac{1}{2}$
Width Bottom.....	2	$2\frac{1}{2}$	3	$3\frac{1}{4}$	$3\frac{1}{2}$	4	$4\frac{1}{2}$	$5\frac{1}{2}$

## ROOF GUTTERS



## Style "M"

Girth.....	10	12	14	15	16	18	20	24
Size Bead.....	1	1 1/8	1 1/4	1 3/8	1 1/2	1 5/8	1 5/8	1 3/4
Size.....	4	5	5 1/2	6	6 1/2	7 1/2	8 1/2	10
Depth.....	3	3 3/4	4 1/2	4 3/4	5	5 1/2	6	7 1/4



## Style "S"

Girth.....	10	12	14	15	16	18	20	24
Size Bead.....	1	1 1/8	1 1/4	1 3/8	1 1/2	1 5/8	1 5/8	1 3/4
Size.....	4	4 1/2	5	5 1/2	6	6 1/2	7 1/2	10
Depth.....	3	3 3/4	4 1/2	4 3/4	5	5 1/2	6	7 1/4
Width Bottom.....	2 1/2	2 5/8	3	3 3/8	3 3/4	4 1/2	5	6

## List Prices per Lineal Foot

For all Styles except J. All Grades except Copper or Zinc.

Girths	10 in.	12 in.	14 in.	15 in.	16 in.	18 in.	20 in.	22 in.	24 in.	26 in.	28 in.	30 in.
Gauge 29.....	\$0.25	\$0.30	\$0.35	\$0.37	\$0.40	\$0.45	\$0.50	\$0.55	\$0.60	\$0.65	\$0.70	\$0.75
Gauge 28.....	.27	.32	.37	.39	.44	.49	.54	.59	.64	.69	.74	.79
Gauge 27.....	.29	.34	.39	.41	.48	.53	.58	.63	.68	.73	.78	.83
Gauge 26.....	.31	.36	.41	.43	.52	.57	.62	.67	.72	.77	.82	.87
Gauge 24.....	.49	.54	.59	.61	.64	.69	.74	.79	.84	.89	.94	.99

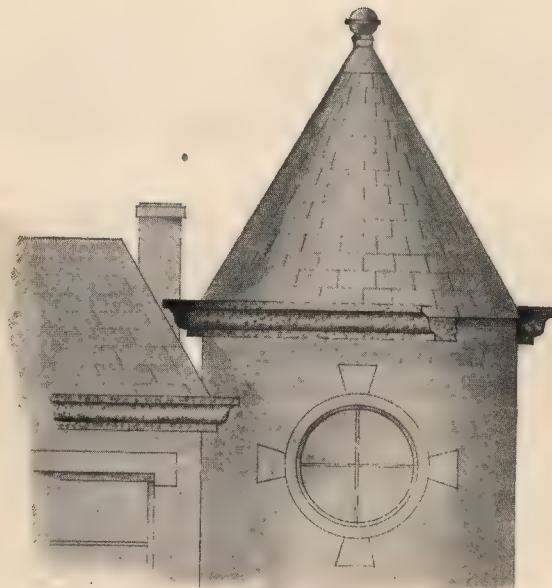
## Style "J"

Girths	10 in.	12 in.	14 in.	15 in.	16 in.	18 in.	20 in.	22 in.	24 in.	26 in.	28 in.	30 in.
Gauge 29.....	\$0.30	\$0.36	\$0.42	\$0.45	\$0.48	\$0.54	\$0.60	\$0.66	\$0.72	\$0.78	\$0.84	\$0.90
Gauge 28.....	.32	.38	.44	.47	.52	.58	.64	.70	.76	.82	.88	.94
Gauge 27.....	.34	.40	.46	.49	.56	.62	.68	.74	.80	.86	.92	.98
Gauge 26.....	.36	.42	.48	.51	.60	.66	.72	.78	.84	.90	.96	1.02
Gauge 24.....	.54	.60	.66	.69	.72	.78	.84	.90	.96	1.02	1.08	1.14

Style "S" Outside Mitre

Mitres can be furnished for all styles



**HAMMOND'S CIRCLE GUTTER AND MOULDING**

We can furnish Circle Box Gutter formed from Galvanized Steel, ARMCO Iron, Tin, Copper, or Zinc.

When ordering always send sketch showing radius of circle desired.

## SKYLIGHTS

Our Skylights are made of 26 gauge open hearth galvanized sheets; have proper ventilation and condensation gutter, and are absolutely watertight. Frames are made to fit over wood curb.

Sizes given are from out to out of curb.

In giving measurements, name distance from out to out of curb.

Skylights larger than 6 to 10 feet will be shipped in as large sections as convenient for transportation.

The sizes contained in this catalogue are standard, but we can furnish special sizes to order. We can also furnish any of these skylights the metal part of which will be formed from ARMCO Ingot Iron or Copper. Write for prices.

### SINGLE PITCH SKYLIGHT



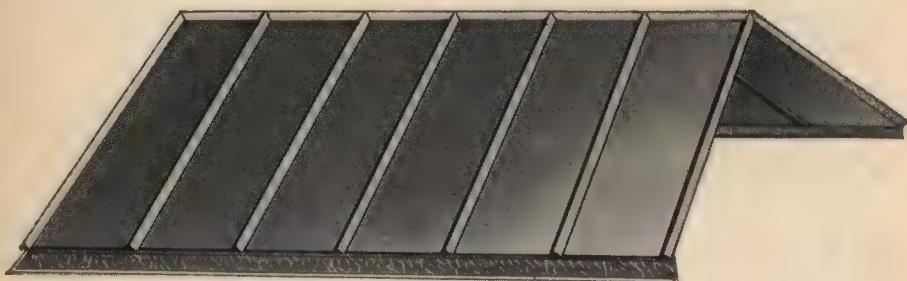
#### No. 620 SINGLE PITCH

With base, can also furnish without base if desired.  
In ordering, state whether bars run long or short way.

#### Sizes by Feet

2 x 3	4 x 6	6 x 6
2 x 4	4 x 7	6 x 7
2 x 6	4 x 8	6 x 8
3 x 3	4 x 10	6 x 9
3 x 4	5 x 5	6 x 10
3 x 5	5 x 6	6 x 12
3 x 6	5 x 7	8 x 8
3 x 8	5 x 8	8 x 9
4 x 4	5 x 9	8 x 10
4 x 5	5 x 10	8 x 12
	5 x 12	

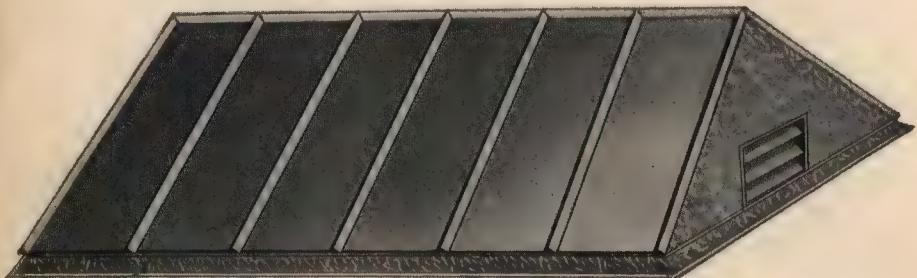
## DOUBLE PITCH SKYLIGHTS



No. 630 WITHOUT END

Sizes by Feet

2 x 3	4 x 6	6 x 6
2 x 4	4 x 7	6 x 7
2 x 6	4 x 8	6 x 8
3 x 3	4 x 10	6 x 9
3 x 4	5 x 5	6 x 10
3 x 5	5 x 6	6 x 12
3 x 6	5 x 7	8 x 8
3 x 8	5 x 8	8 x 9
4 x 4	5 x 9	8 x 10
4 x 5	5 x 10	8 x 12
	5 x 12	



No. 640 DOUBLE PITCH

Has adjustable Louvre Ventilators on each end. Can also furnish with solid ends without Vents, when desired.

## HIPPED SKYLIGHTS



## No. 650 HIPPED

Can furnish special sizes to order.

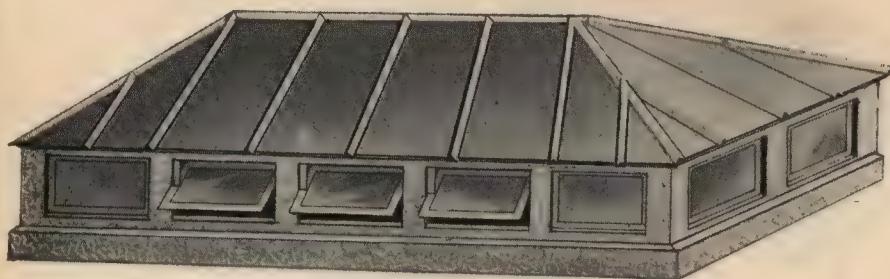
## Sizes by Feet

2 x 3	4 x 6	6 x 6
2 x 4	4 x 7	6 x 7
2 x 6	4 x 8	6 x 8
3 x 3	4 x 10	6 x 9
3 x 4	5 x 5	6 x 10
3 x 5	5 x 6	6 x 12
3 x 6	5 x 7	8 x 8
3 x 8	5 x 8	8 x 9
4 x 4	5 x 9	8 x 10
4 x 5	5 x 10	8 x 12
	5 x 12	



## No. 660 HIPPED

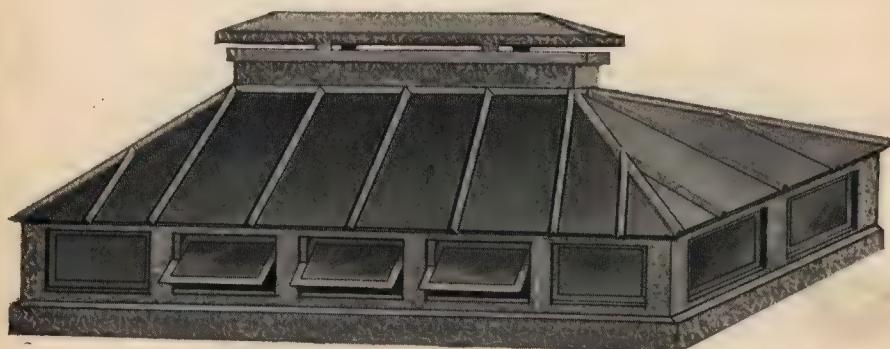
Shipped complete with vents, unless otherwise specified.

**HIPPED AND TURRET SKYLIGHTS****No. 670 HIPPED TURRET**

With movable side sashes with locking devices.

**Sizes by Feet**

2 x 3	4 x 6	6 x 6
2 x 4	4 x 7	6 x 7
2 x 6	4 x 8	6 x 8
3 x 3	4 x 10	6 x 9
3 x 4	5 x 5	6 x 10
3 x 5	5 x 6	6 x 12
3 x 6	5 x 7	8 x 8
3 x 8	5 x 8	8 x 9
4 x 4	5 x 9	8 x 10
4 x 5	5 x 10	8 x 12
	5 x 12	

**No. 680 HIPPED TURRET**

Has ridged ventilator and movable side sashes with locking apparatus.  
Please use our numbers when ordering, and also state whether just ribbed or wired glass is wanted.

## QUEEN CITY FOOT SQUARING SHEARS

We Carry a Full Line of Tinner's Staple Bench Tools

Prices on Request



For No. 18 Iron and Lighter

These Shears are in appearance similar to the "Excelsior," but being heavier and more powerful, they will cut thicker material.

**Holddown** is included in prices of 36-inch and longer Shears.

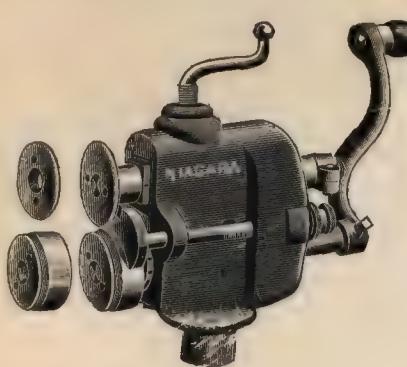
**Top Shelf** is charged for extra, if wanted.

**Steel Treadle** is applied to 52 and 62-inch Queen City Shears.

Queen City Squaring Shears	Code Word	Shipping Weight
22-inch...	Tobhm	365 lbs.
30-inch...	Tobew	500 lbs.
36-inch...	Tobix	645 lbs.
42-inch...	Toboi	780 lbs.
52-inch...	Tobro	1000 lbs.
62-inch...	Tobup	1300 lbs.

Holddown to 30-inch shears is charged for extra if wanted.

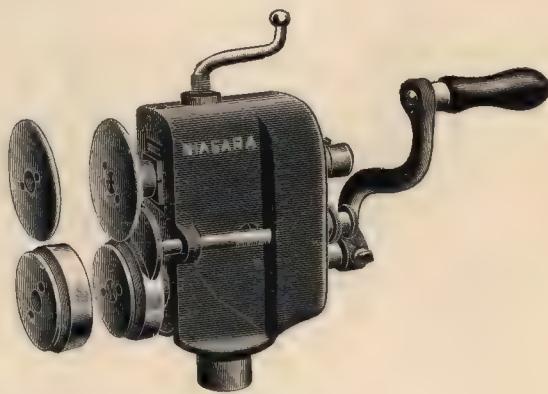
## NIAGARA "SUPERIOR" MACHINES—ENCASED



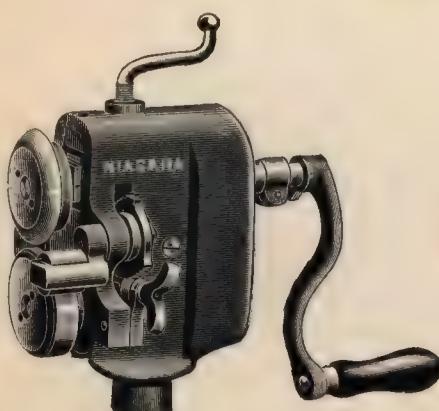
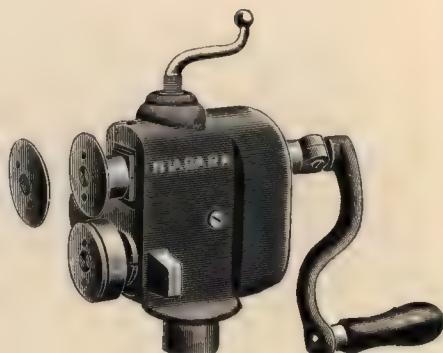
Superior Small Turner



Superior Small Burr



Superior Large Turner

Superior Wiring Machine  
Extra Charge for Idler Roll

Superior Large Burr

## NIAGARA MACHINES AND TOOLS

### We Carry a Full Line

Bar Folders	Beaders
Burr Machines	Groovers
Wiring Machines	Seamers
Turners	Forming Rolls
Crimpers	Stakes
Snips	Lever Shears
Bench Shears	Roofing Tools
Hand Tools	Slater's Tools
Squaring Shears	Stove Pipe Machinery
Lever Punches	Elbow Machinery

**Write for Catalogue and Prices**

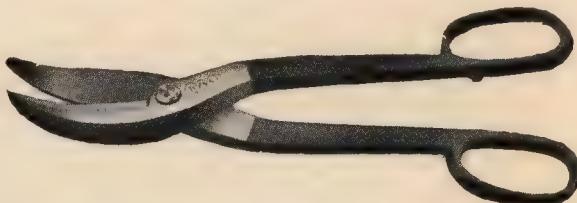
## WISS REGULAR PATTERN TINNERS' SNIPS



Number	Full Length	Length of Cut	Weight Each
12.....	8 in.	2 in.	1/2 lb.
11.....	9 1/2 in.	2 1/4 in.	3/4 lb.
10.....	11 1/2 in.	2 1/2 in.	1 1/2 lbs.
9.....	12 1/2 in.	3 in.	2 lbs.
8.....	13 3/4 in.	3 1/2 in.	2 1/2 lbs.
7.....	14 1/2 in.	4 in.	3 1/8 lbs.
6 1/2 .....	15 3/4 in.	4 1/2 in.	3 1/2 lbs.

Wiss Tinner's Snips may be tested to cut 20d wire nails without marring the edges, and then cut clean the lightest of tissue paper. This test shows the fine adjustment of the Wiss Snip, its strength and toughness, and its wonderful, keen edge.

**WISS  
CIRCULAR BLADE  
TINNERS' SNIPS**



Number	Full Length	Length of Cut	Weight Each
12 C.B.	8 in.	2 in.	1/2 lb.
11 C.B.	9 1/2 in.	2 1/4 in.	3/4 lb.
10 C.B.	11 1/2 in.	2 1/2 in.	1 1/2 lbs.
9 C.B.	12 1/2 in.	3 in.	2 lbs.
8 C.B.	13 3/4 in.	3 1/2 in.	2 1/4 lbs.
7 C.B.	14 1/2 in.	4 in.	3 lbs.
6 1/2 C.B.	15 3/4 in.	4 1/2 in.	3 1/4 lbs.

Especially for those who continually cut curved work. Tempered and ground perfectly, and work as easily as a Straight Snip.

**WISS COMBINATION PATTERN TINNERS' SNIPS**  
Will Cut Curved as well as Straight Work

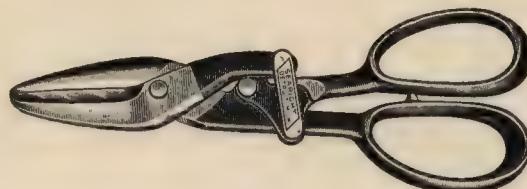


These Snips are made with straight blades, ground and shaped in such a manner that they can be used as readily for cutting curves and irregular shapes as for straight work; thus combining all the advantages of the Circular and Straight Snip in one tool.

Number	Full Length	Length of Cut	Weight Each
100.....	11 1/2 in.	2 1/2 in.	1 1/2 lbs.
19.....	12 1/2 in.	3 in.	1 3/4 lbs.
18.....	13 1/2 in.	3 1/2 in.	2 1/2 lbs.
17.....	14 1/2 in.	4 in.	2 3/4 lbs.

## COMPOUND LEVER SNIPS

SEARIGHT PATENT



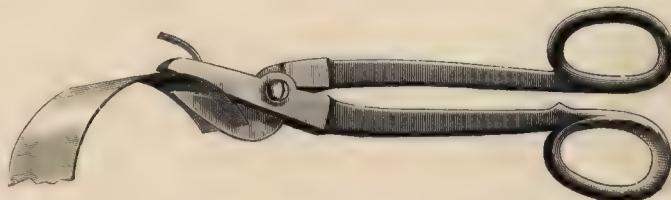
No. 14

The No. 14 size is made of drop-forged crucible tool steel, and is suitable for those who require a large size snip for bench work. It is capable of much heavier work than any common hand shear of equal length and in many ways takes the place of the bench shear for heavy cutting.

These shears are fully warranted. If found to be defective in material, workmanship or temper, they will be replaced free of charge if returned to us carrying charges prepaid.

Number	Total Length	Length of Blade	Cut	Weight
14.....	14 inches	4 $\frac{1}{4}$ inches	3 $\frac{1}{2}$ inches	2 lbs. 9 oz.

## NIAGARA DOUBLE CUTTING SHEARS—FORGED

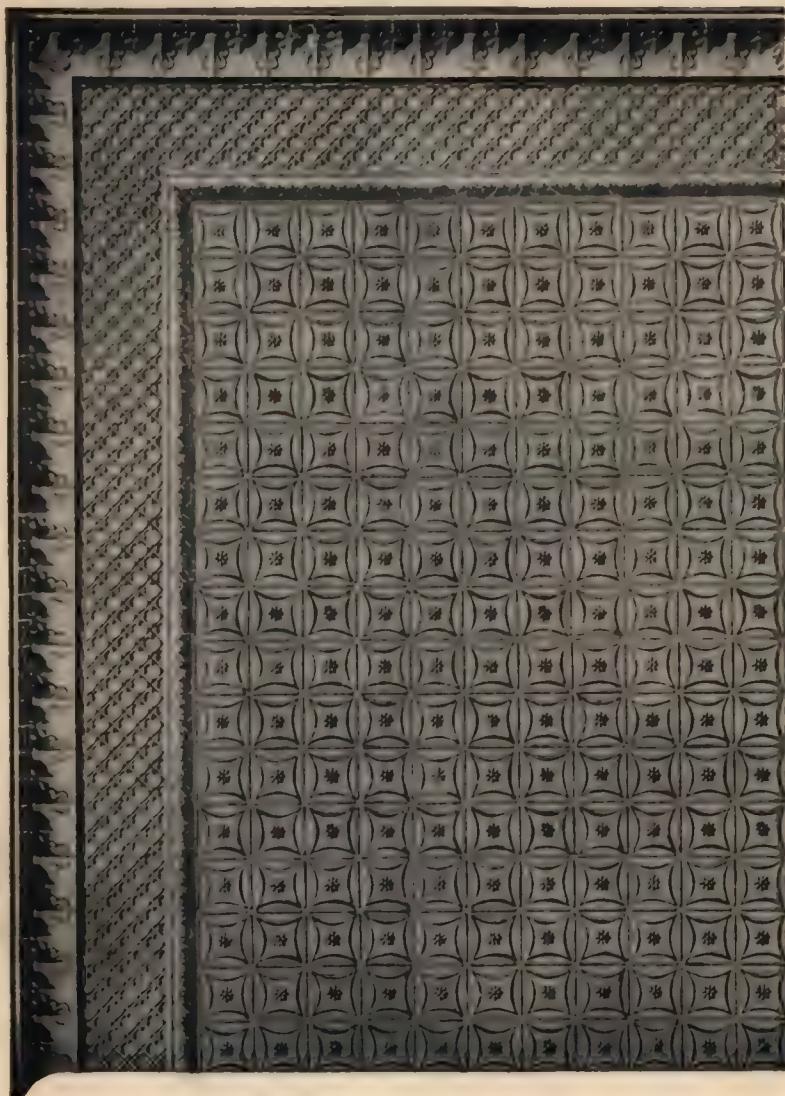


Drop-forged of refined iron. The center blade is of solid tool steel and the outer jaw is steel laid.

Will cut apart cylinders of sheet metal, such as stove pipe, without leaving ragged edges. Useful in cutting holes in sheets and cutting off the bottoms of cans, pails, etc. The center blade is pointed to be readily inserted into the metal, to start the cut.

Niagara Double Cutting Shears.....	Length	Code Word	Net Weight
	13 $\frac{1}{2}$ inches	Terrg	37 ounces

## CEILING



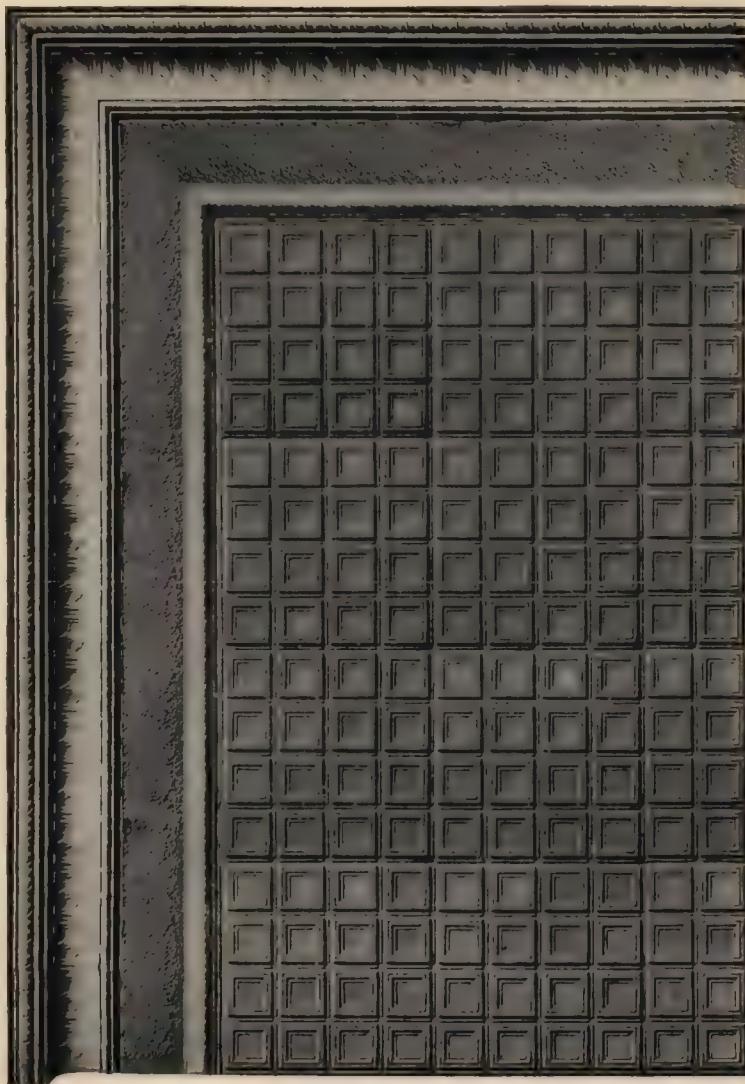
Design No. 215

List Price \$8.50 per Square.

Composed of Plate No. 106, Filler and Mold Combined No. 121, and 6x6 inch Cornice No. 152.

We show here a few of the most popular metal ceiling designs. We have a complete catalogue which illustrates our full line.

## CEILING



Design No. 212

List Price \$8.75 per Square.

Composed of Panel No. 104, Filler No. 123, Mold No. 161, and 9x9½ inch Cornice No. 151.

Send us blue prints or pencil sketch showing inside dimensions, location of openings or offsets in room for which metal ceiling is desired, and we will gladly quote you a lump sum price for any of our designs you may select.

## CEILING



Design No. 203

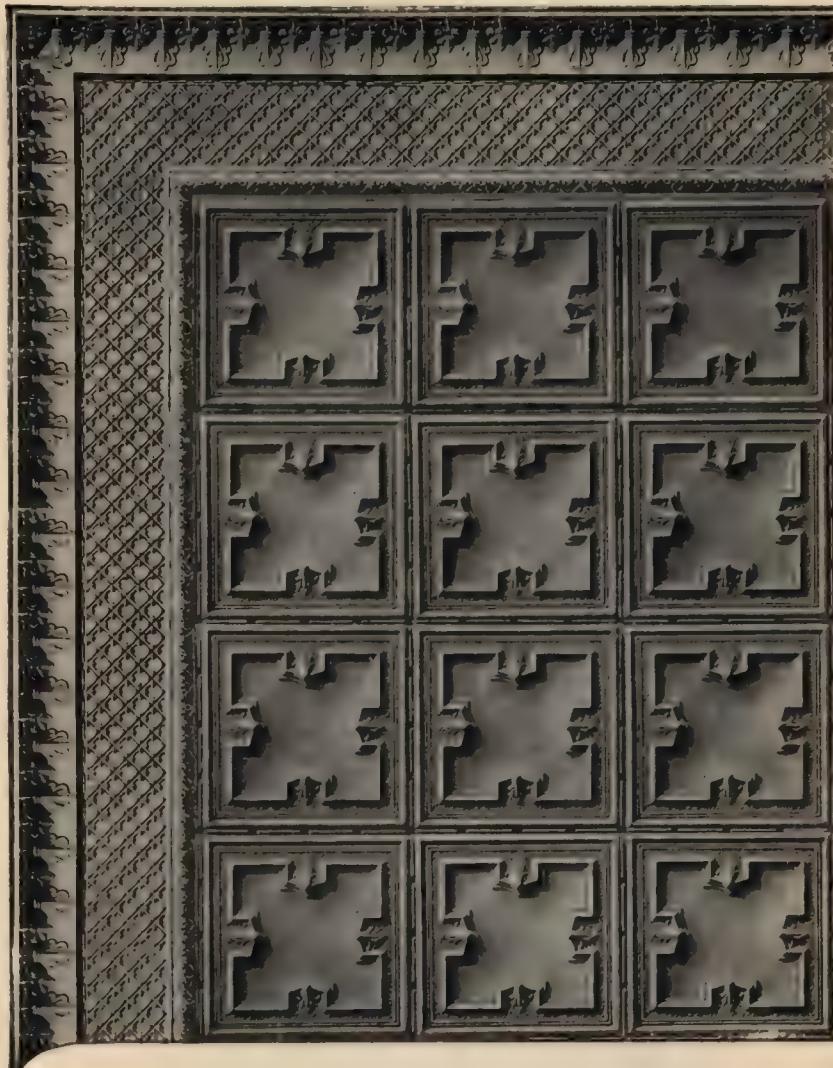
List Price \$9.25 per Square.

Composed of Panel No. 102, Filler No. 123, Mold No. 161, and 9x9½ inch Cornice No. 151.

Our ceilings are primed one coat of light gray paint on both sides. We include wood brackets for cornice and nails for erection.

Wood furring strips are never provided unless ordered special and then they are charged for extra.

## CEILING



Design No. 209

List Price \$9.00 per Square.

Composed of Plate No. 105, Filler and Mold Combined No. 121, and 6x6 inch Cornice No. 152.

We furnish square inside and outside miters for nearly all our cornices.

For those for which we make no miters we send sufficient material for the erector to make plain miters.

## CEILING



Center No. 130

2-inch Drop. 24x24 inches.

List Price 60 cents each.

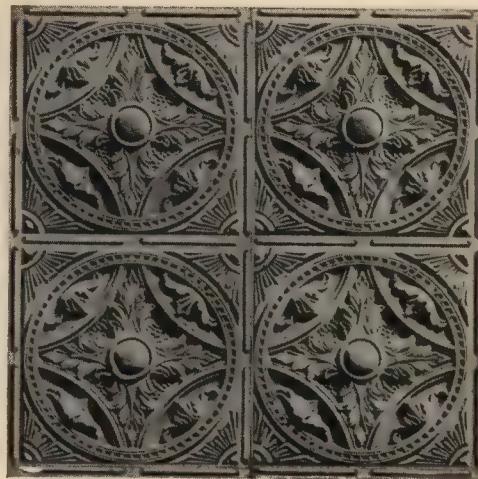


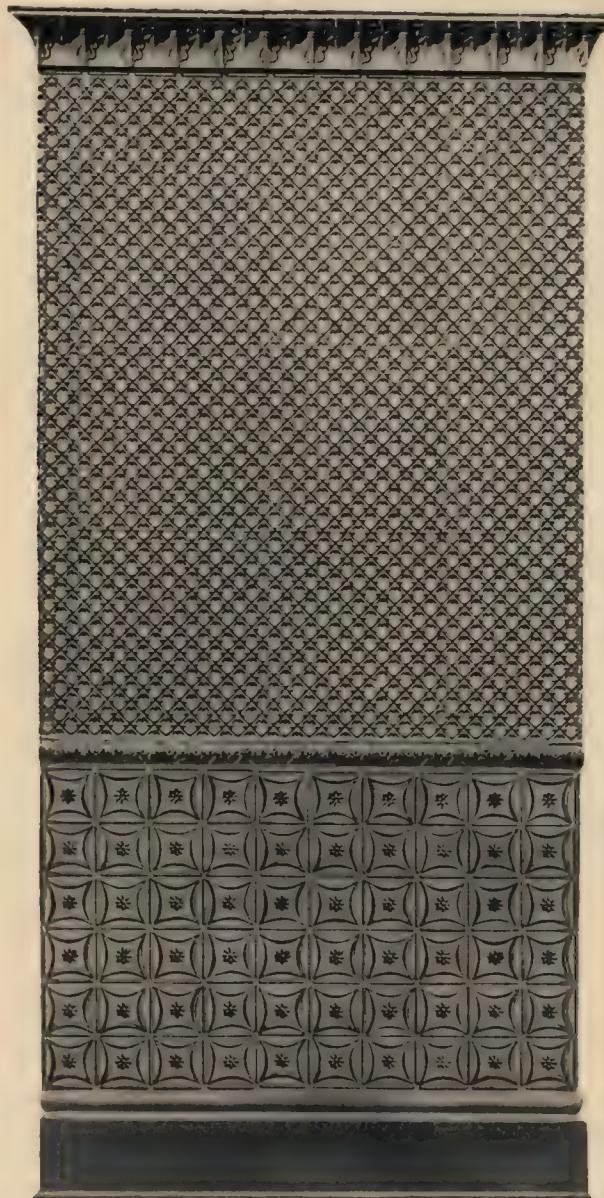
Plate No. 107

Squares 12-inch Multiples.

Sheets 24x24 and 24x48 inches.

List Price \$8.00 per Square.

## SIDE WALL



Design No. 251

Composed of Filler No. 122 used as Side Wall, Mold No. 161 used as Chair Rail, Plate No. 106 used as Wainscot, and 6x6 inch Cornice No. 152.

List Price \$8.45 per Square.

We do not furnish METAL baseboard.

## INDEX

	Page
Angle Ridge Cap.....	40
Armco Sheets.....	9
Black Sheets.....	5
Brick Siding.....	18
Building Corners.....	44
Bundling Tables.....	4, 6, 8
Burrs.....	31
Ceiling.....	72
Cement.....	55
Charcoal.....	30
Copper Nails.....	31
Copper Sheets.....	32
Conductor Pipe.....	38
Conductor Pipe Boots.....	55
Conductor Pipe Hooks.....	48
Continuous Hip Shingles.....	41, 43
Corner Bead.....	45
Corner Shields.....	64
Cornice Brakes.....	66
Corrugated Roofing.....	10
Cresting.....	41
Cross Corrugated Sheets.....	20, 21, 22
Curved Sheets.....	24, 25
Cut Offs.....	52, 53
Eaves Trough.....	34, 36
Eaves Trough Fittings.....	44, 45, 47
Elbows.....	50
Elevator Siding.....	22
Enameling Stock.....	9
Finials.....	40, 41
Fittings.....	47
Galvanized Sheets.....	7
Gutter.....	56
Hip Shingles.....	42
Lath.....	45
Lead Washers.....	10

## INDEX—Concluded

	Page
Metal Ceiling.....	72
Mitres.....	46
Nails.....	10
Plain Ridge Roll.....	40
Pressed Standing Seam Roofing.....	14
Rain Proofs.....	43
Ridge Roll, Corrugated.....	17
Ridge Roll, Plain.....	40
Rivets.....	40
Roll Roofing.....	16
Roof Gutters.....	56
Roofing.....	10
Sheet Copper.....	32
Sheet Zinc.....	32
Shingles Starters.....	41
Siding.....	16
Skylights.....	61
Snips.....	70, 71
Solder.....	30
Soldering Coppers.....	30
Stove Bolts.....	31
Stove Pipe Iron.....	5
Stone Siding.....	19
Tin Flashing.....	29
Tin Roofing.....	29
Tin Plate.....	26, 27
Tin Valley.....	29
Tools.....	66, 67
Valleys.....	29, 42
Ventilators.....	65
V-Crimp Roofing.....	15
Wall Ties.....	45
Weather Board.....	19
Wire Hangers.....	49
Wire Strainers.....	53
Zinc Sheets.....	32



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